

Product Catalog 2016

CopperLine

AT&T Copper
LAN Cabling Products

AT&T Cabling Systems





*AT&T Cabling Systems
provide complete enterprise
solutions and
state-of-the-art LAN cabling
components for all needs.*

AT&T Cabling Systems

Our high-performance network infrastructure solutions based on innovative designs and highly advanced technology are the first choice for all applications. Faithful to the world-leading AT&T heritage, combining world-class reliability with the unique AT&T Millennium™ Lifetime warranty, AT&T Cabling Systems is your key to years of fail-safe and trouble-free operation, minimizing system downtime and maximizing your profits.

AT&T Cabling Systems



AT&T Cabling Systems Goals

AT&T Cabling Systems Continuous goals:

- Supply high performance network infrastructure solutions, virtually anywhere in the world.
- Provide high performance advanced technology and services.
- Satisfy the IT infrastructure needs of our global customers.
- Provide continuous expert support and be a reliable partner to all our customers.

These goals are achieved by a unique combination of deep knowledge of all LAN cabling aspects, integrity, teamwork & creativity, all provided under the trusted AT&T brand.

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AT&T CopperLine Category 3

U/UTP 100 Ohm Horizontal & Backbone Indoor LAN Cables

Description

4-300 pair U/UTP cables	
Frequency range	1-16 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/ICEA S-80-576
Shield	None
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 3 cable according to IEC 61156-4
- Category 3 cable according to ANSI/TIA-568-C.2
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	66 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	5.1	30	500m Drum	11U03VA004N-GY2K
4-Pair 24 AWG U/UTP CAT3 LSOH IEC 60332-1 Cable Gray	5.1	30	500m Drum	11U03HA004N-GY2K
6-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	6.0	50	500m Drum	11U03VA006N-GY2K
6-Pair 24 AWG U/UTP CAT3 LSOH IEC 60332-1 Cable Gray	6.1	50	500m Drum	11U03HA006N-GY2K
12-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	8.0	80	500m Drum	11U03VA012N-GY2K
12-Pair 24 AWG U/UTP CAT3 LSOH IEC 60332-1 Cable Gray	8.1	80	500m Drum	11U03HA012N-GY2K
25-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	11.5	170	500m Drum	11U03VA025N-GY2K
25-Pair 24 AWG U/UTP CAT3 LSOH IEC 60332-1 Cable Gray	11.5	170	500m Drum	11U03HA025N-GY2K
50-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	15.4	315	500m Drum	11U03VA050N-GY2K
50-Pair 24 AWG U/UTP CAT3 LSOH IEC 60332-1 Cable Gray	15.4	315	500m Drum	11U03HA050N-GY2K
100-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	24	610	500m Drum	11U03VA100N-GY2K
100-Pair 24 AWG U/UTP CAT3 LSOH IEC 60332-1 Cable Gray	24	610	500m Drum	11U03HA100N-GY2K
200-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	29	1320	500m Drum	11U03VA200N-GY2K
200-Pair 24 AWG U/UTP CAT3 LSOH IEC 60332-1 Cable Gray	29	1320	500m Drum	11U03HA200N-GY2K
300-Pair 24 AWG U/UTP CAT3 PVC IEC 60332-1 Cable Gray	35	1850	500m Drum	11U03VA300N-GY2K
300-Pair 24 AWG U/UTP CAT3 LSOH IEC 60332-1 Cable Gray	35	1850	500m Drum	11U03HA300N-GY2K

AT&T CopperLine Category 3

F/UTP 100 Ohm Horizontal & Backbone Indoor LAN Cables

Description

4-300 pair F/UTP cables	
Frequency range	1-16 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/ICEA S-80-576
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 3 cable according to IEC 61156-4
- Category 3 cable according to ANSI/TIA-568-C.2
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	66 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	5.6	34	500m Drum	11P03VA004N-GY2K
4-Pair 24 AWG F/UTP CAT3 LSOH IEC 60332-1 Cable Gray	5.6	34	500m Drum	11P03HA004N-GY2K
6-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	6.6	55	500m Drum	11P03VA006N-GY2K
6-Pair 24 AWG F/UTP CAT3 LSOH IEC 60332-1 Cable Gray	6.6	55	500m Drum	11P03HA006N-GY2K
12-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	8.8	82	500m Drum	11P03VA012N-GY2K
12-Pair 24 AWG F/UTP CAT3 LSOH IEC 60332-1 Cable Gray	8.8	82	500m Drum	11P03HA012N-GY2K
25-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	12.6	185	500m Drum	11P03VA025N-GY2K
25-Pair 24 AWG F/UTP CAT3 LSOH IEC 60332-1 Cable Gray	12.6	185	500m Drum	11P03HA025N-GY2K
50-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	17	345	500m Drum	11P03VA050N-GY2K
50-Pair 24 AWG F/UTP CAT3 LSOH IEC 60332-1 Cable Gray	17	345	500m Drum	11P03HA050N-GY2K
100-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	26	670	500m Drum	11P03VA100N-GY2K
100-Pair 24 AWG F/UTP CAT3 LSOH IEC 60332-1 Cable Gray	26	670	500m Drum	11P03HA100N-GY2K
200-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	32	1450	500m Drum	11P03VA200N-GY2K
200-Pair 24 AWG F/UTP CAT3 LSOH IEC 60332-1 Cable Gray	32	1450	500m Drum	11P03HA200N-GY2K
300-Pair 24 AWG F/UTP CAT3 PVC IEC 60332-1 Cable Gray	38	1870	500m Drum	11P03VA300N-GY2K
300-Pair 24 AWG F/UTP CAT3 LSOH IEC 60332-1 Cable Gray	38	1870	500m Drum	11P03HA300N-GY2K

AT&T CopperLine Category 3

Unshielded & Shielded Keystone Jacks

Description

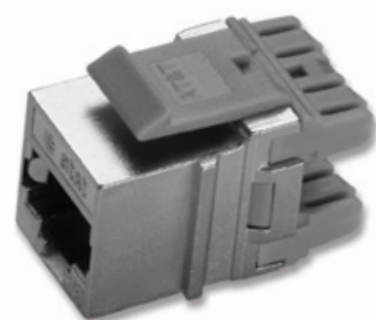
4-10 wire unshielded or shielded jacks	
Frequency range	1-16 MHz
Compatible conductors	23-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	Gold plating over nickel plated metal
Shield	Corrosion resistant metal casing
Housing	High impact FR compound

Standard & EU Directives Conformance

- Connectors according to IEC 60603-7
- Category 3 connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	90°
IDC contacts	Punch-down 110 or LSA-Plus
Insertion/Extraction durability	750 cycles Level A durability
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Packaging		P/N
4P4C RJ11 Unshielded CAT3 Keystone Jack	White	1/Bag	100/Box	15A03NV004N-WT5C
4P4C RJ11 Shielded CAT3 Keystone Jack	White	1/Bag	100/Box	15C03NV004N-WT5C
6P4C RJ11 Unshielded CAT3 Keystone Jack	White	1/Bag	100/Box	15A03NV004A-WT5C
6P4C RJ11 Shielded CAT3 Keystone Jack	White	1/Bag	100/Box	15C03NV004A-WT5C
6P6C RJ12 Unshielded CAT3 Keystone Jack	White	1/Bag	100/Box	15A03NV006N-WT5C
6P6C RJ12 Shielded CAT3 Keystone Jack	White	1/Bag	100/Box	15C03NV006N-WT5C
8P8C RJ45 Unshielded CAT3 Keystone Jack	White	1/Bag	100/Box	15A03NV008N-WT5C
8P8C RJ45 Shielded CAT3 Keystone Jack	White	1/Bag	100/Box	15C03NV008N-WT5C
10P10C RJ50 Unshielded CAT3 Keystone Jack	White	1/Bag	100/Box	15A03NV010N-WT5C
10P10C RJ50 Shielded CAT3 Keystone Jack	White	1/Bag	100/Box	15C03NV010N-WT5C

AT&T CopperLine Category 3

Unshielded RJ45 Patch Panels

Description

30 or 50 port unshielded panels

Frequency range	1-16 MHz
Compatible conductors	23-26 AWG Solid or stranded
Wiring	2 pairs per port: 3-6 & 4-5
Blocks	IDC 110 or LSA-Plus
Shield	None
Housing	High impact FR compound
Frame	Galvanized steel

Standard & EU Directives Conformance

- Category 3 connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Construction	5 modules of fixed 6-ports or 10-ports PCB units.
Port contacts	50μ-Inch gold plating
Insertion/Extraction durability	750 cycles Level A durability
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.2 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	10 MegaOhm min. @500 Vdc

Ordering Information

Description	Color	Blocks	Units	Size mm	Packaging	P/N
30 Port RJ45 Unshielded CAT3 19" Patch Panel	Black	110 IDC	1U	44.4x483	1/Box	13U03NV030A-BK1U
30 Port RJ45 Unshielded CAT3 19" Patch Panel	Black	LSA-Plus	1U	44.4x483	1/Box	13U03NV030B-BK1U
50 Port RJ45 Unshielded CAT3 19" Patch Panel	Black	110 IDC	1U	44.4x483	1/Box	13U03NV050A-BK1U
50 Port RJ45 Unshielded CAT3 19" Patch Panel	Black	LSA-Plus	1U	44.4x483	1/Box	13U03NV050B-BK1U



AT&T CopperLine Category 5

U/UTP 100 Ohm Horizontal & Backbone Indoor LAN Cables

Description

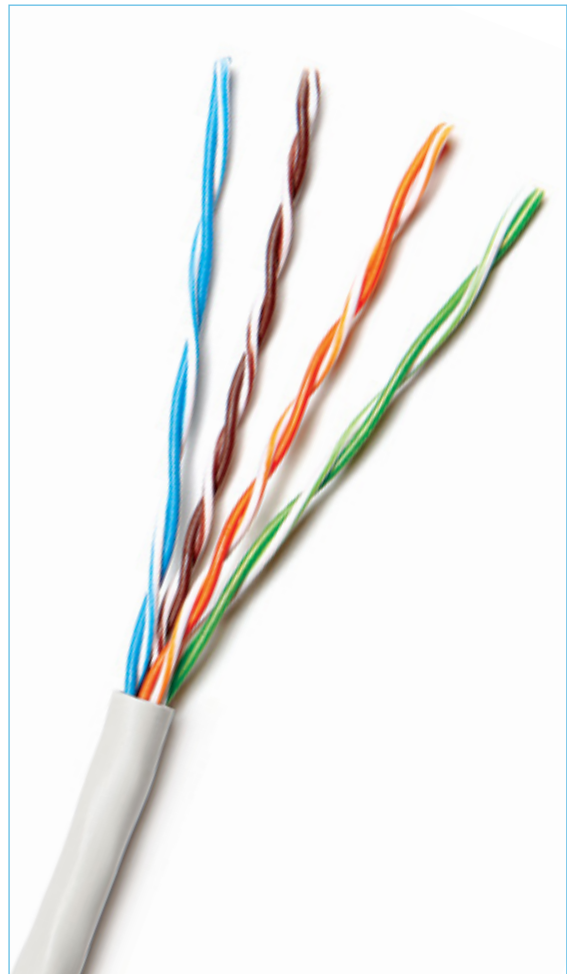
4-100 pair U/UTP cables	
Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/ICEA S-80-576
Shield	None
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 5 cable according to ANSI/TIA-568-A
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	4.8	30	305m Reelex II™	11U05VA004N-GY1J
4-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	4.8	30	305m Reelex II™	11U05HA004N-GY1J
4-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	4.8	30	500m Drum	11U05VA004N-GY2K
4-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	4.8	30	500m Drum	11U05HA004N-GY2K
4-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	4.8	30	1000m Drum	11U05VA004N-GY2L
4-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	4.8	30	1000m Drum	11U05HA004N-GY2L
25-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	12.5	180	500m Drum	11U05VA025N-GY2K
25-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	12.5	180	500m Drum	11U05HA025N-GY2K
50-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	16.5	270	500m Drum	11U05VA050N-GY2K
50-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	16.5	270	500m Drum	11U05HA050N-GY2K
100-Pair 24 AWG U/UTP CAT5 PVC IEC 60332-1 Cable Gray	30.0	670	500m Drum	11U05VA100N-GY2K
100-Pair 24 AWG U/UTP CAT5 LS0H IEC 60332-1 Cable Gray	30.0	670	500m Drum	11U05HA100N-GY2K

AT&T CopperLine Category 5

F/UTP 100 Ohm Horizontal & Backbone Indoor LAN Cables

Description

4-100 pair F/UTP cables

Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/ICEA S-80-576
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 5 cable according to ANSI/TIA-568-A
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG F/UTP CAT5 PVC IEC 60332-1 Cable Gray	5.0	34	500m Drum	11P05VA004N-GY2K
4-Pair 24 AWG F/UTP CAT5 LSOH IEC 60332-1 Cable Gray	5.0	34	500m Drum	11P05HA004N-GY2K
4-Pair 24 AWG F/UTP CAT5 PVC IEC 60332-1 Cable Gray	5.0	34	1000m Drum	11P05VA004N-GY2L
4-Pair 24 AWG F/UTP CAT5 LSOH IEC 60332-1 Cable Gray	5.0	34	1000m Drum	11P05HA004N-GY2L
25-Pair 24 AWG F/UTP CAT5 PVC IEC 60332-1 Cable Gray	12.8	185	500m Drum	11P05VA025N-GY2K
25-Pair 24 AWG F/UTP CAT5 LSOH IEC 60332-1 Cable Gray	12.8	185	500m Drum	11P05HA025N-GY2K
50-Pair 24 AWG F/UTP CAT5 PVC IEC 60332-1 Cable Gray	16.8	276	500m Drum	11P05VA050N-GY2K
50-Pair 24 AWG F/UTP CAT5 LSOH IEC 60332-1 Cable Gray	16.8	276	500m Drum	11P05HA050N-GY2K
100-Pair 24 AWG F/UTP CAT5 PVC IEC 60332-1 Cable Gray	30.5	677	500m Drum	11P05VA100N-GY2K
100-Pair 24 AWG F/UTP CAT5 LSOH IEC 60332-1 Cable Gray	30.5	677	500m Drum	11P05HA100N-GY2K

AT&T CopperLine Category 5e

U/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair U/UTP cables

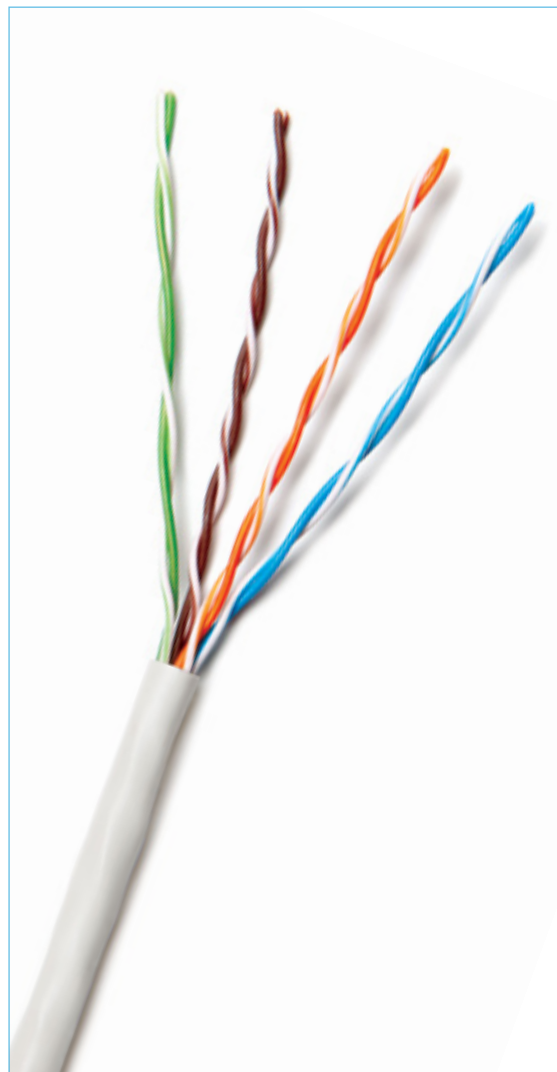
Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	None
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 5e cable according to IEC 61156-5
- Category 5e cable according to ANSI/TIA-568-C.2
- 100MHz cable according to EN 50288-3-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT5e PVC IEC 60332-1 Cable Gray	4.8	30	305m Reelex II™	11U5EVA004N-GY1J
4-Pair 24 AWG U/UTP CAT5e LSOH IEC 60332-1 Cable Gray	4.8	30	305m Reelex II™	11U5EHA004N-GY1J
4-Pair 24 AWG U/UTP CAT5e PVC IEC 60332-1 Cable Gray	4.8	30	Reel-In-Box	11U5EVA004N-GY3J
4-Pair 24 AWG U/UTP CAT5e LSOH IEC 60332-1 Cable Gray	4.8	30	Reel-In-Box	11U5EHA004N-GY3J
4-Pair 24 AWG U/UTP CAT5e PVC IEC 60332-1 Cable Gray	4.8	30	500m drum	11U5EVA004N-GY2K
4-Pair 24 AWG U/UTP CAT5e LSOH IEC 60332-1 Cable Gray	4.8	30	500m drum	11U5EHA004N-GY2K
4-Pair 24 AWG U/UTP CAT5e PVC IEC 60332-1 Cable Gray	4.8	30	1000m drum	11U5EVA004N-GY2L
4-Pair 24 AWG U/UTP CAT5e LSOH IEC 60332-1 Cable Gray	4.8	30	1000m drum	11U5EHA004N-GY2L
2x(4-Pair 24 AWG U/UTP) CAT5e PVC IEC 60332-1 FIG-8 Cable Gray	4.8x9.7	60	500m drum	11U5EVA008F-GY2K
2x(4-Pair 24 AWG U/UTP) CAT5e LSOH IEC 60332-1 FIG-8 Cable Gray	4.8x9.7	60	500m drum	11U5EHA008F-GY2K

AT&T CopperLine Category 5e

F/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair F/UTP cables

Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 5e cable according to IEC 61156-5
- Category 5e cable according to ANSI/TIA-568-C.2
- 100MHz cable according to EN 50288-2-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG F/UTP CAT5e PVC IEC 60332-1 Cable Gray	5.9	39	500m drum	11P5EVA004N-GY2K
4-Pair 24 AWG F/UTP CAT5e LS0H IEC 60332-1 Cable Gray	5.9	39	500m drum	11P5EHA004N-GY2K
4-Pair 24 AWG F/UTP CAT5e PVC IEC 60332-1 Cable Gray	5.9	39	1000m drum	11P5EVA004N-GY2L
4-Pair 24 AWG F/UTP CAT5e LS0H IEC 60332-1 Cable Gray	5.9	39	1000m drum	11P5EHA004N-GY2L
2x(4-Pair 24 AWG F/UTP) CAT5e PVC IEC 60332-1 FIG-8 Cable Gray	5.9x11.8	78	500m drum	11P5EVA008F-GY2K
2x(4-Pair 24 AWG F/UTP) CAT5e LS0H IEC 60332-1 FIG-8 Cable Gray	4.8x11.8	78	500m drum	11P5EHA008F-GY2K

AT&T CopperLine Category 5e

SF/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair SF/UTP cables

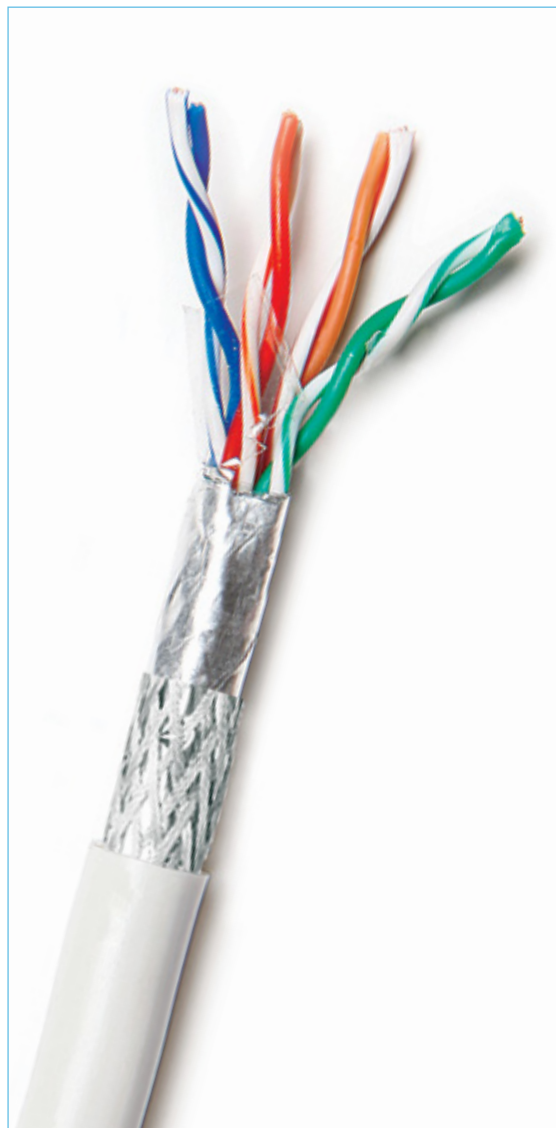
Frequency range	1-100 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Overall inner shield	Overall aluminum foil
Overall outer shield	Tin-coated copper braid
Drain wire	None
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 5e cable according to IEC 61156-5
- Category 5e cable according to ANSI/TIA-568-C.2
- 100MHz cable according to EN 50288-2-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG SF/UTP CAT5e IEC 60332-1 PVC Cable Gray	6.1	41	500m drum	11D5EVA004N-GY2K
4-Pair 24 AWG SF/UTP CAT5e LS0H IEC 60332-1 Cable Gray	6.1	41	500m drum	11D5EHA004N-GY2K
4-Pair 24 AWG SF/UTP CAT5e IEC 60332-1 PVC Cable Gray	6.1	41	1000m drum	11D5EVA004N-GY2L
4-Pair 24 AWG SF/UTP CAT5e LS0H IEC 60332-1 Cable Gray	6.1	41	1000m drum	11D5EHA004N-GY2L
2x(4-Pair 24 AWG SF/UTP) CAT5e PVC IEC 60332-1 FIG-8 Cable Gray	6.1x12.2	82	500m drum	11D5EVA008F-GY2K
2x(4-Pair 24 AWG SF/UTP) CAT5e LS0H IEC 60332-1 FIG-8 Cable Gray	6.1x12.2	82	500m drum	11D5EHA008F-GY2K

AT&T CopperLine Category 5e

U/UTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair U/UTP flexible cables

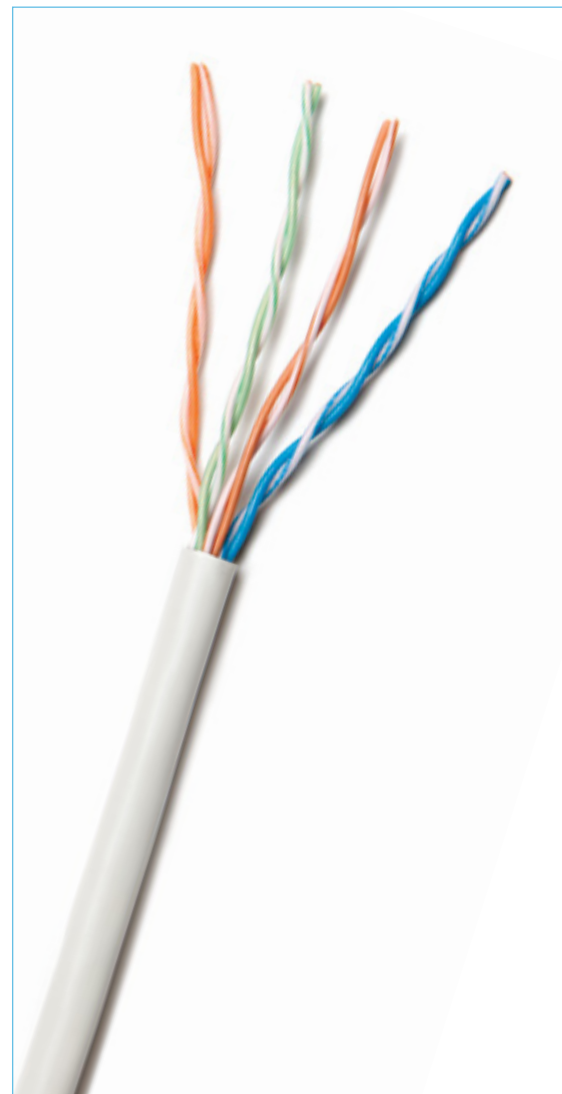
Frequency range	1-100 MHz
Conductor	24 AWG 7x0.20mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	None
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 5e work area cable according to IEC 61156-6
- Category 5e cord cable according to ANSI/TIA-568-C.2
- 100MHz work area cable according to EN 50288-3-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.3	32	500m Drum	12U5EVA004N-GY2K
4-Pair 24 AWG U/UTP CAT5e LS0H IEC 60332-1 Flexible Cable Gray	5.3	32	500m Drum	12U5EHA004N-GY2K
4-Pair 24 AWG U/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.3	32	1000m Drum	12U5EVA004N-GY2L
4-Pair 24 AWG U/UTP CAT5e LS0H IEC 60332-1 Flexible Cable Gray	5.3	32	1000m Drum	12U5EHA004N-GY2L

AT&T CopperLine Category 5e

F/UTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair F/UTP flexible cables

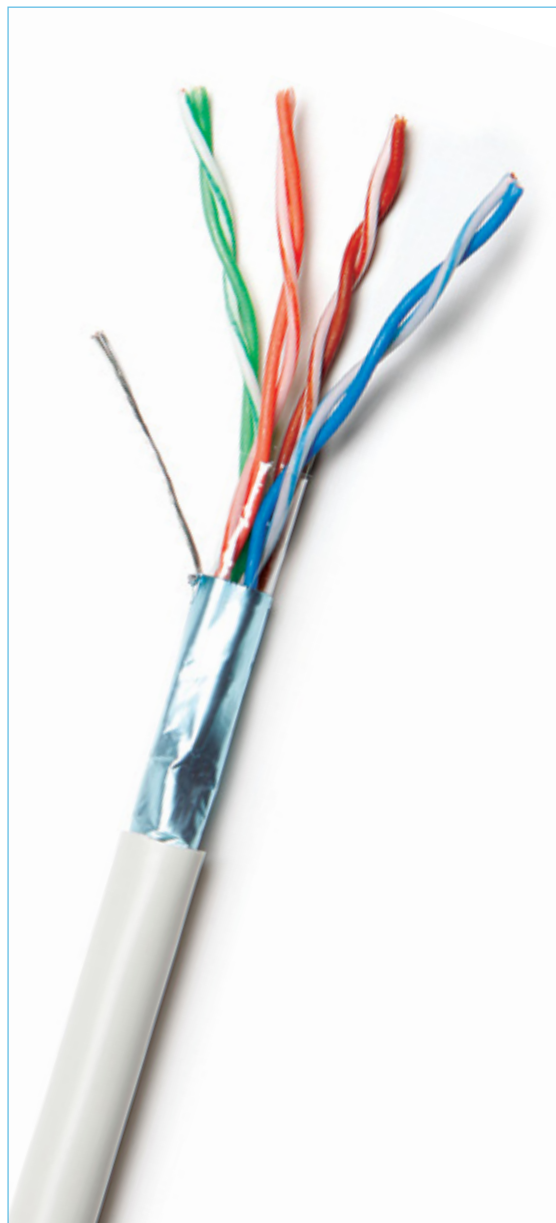
Frequency range	1-100 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper stranded wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 5e work area cable according to IEC 61156-6
- Category 5e cord cable according to ANSI/TIA-568-C.2 (50% IL derating)
- 100MHz work area cable according to EN 50288-2-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	150 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG F/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.5	30	500m drum	12P5EVA004N-GY2K
4-Pair 26 AWG F/UTP CAT5e LSOH IEC 60332-1 Flexible Cable Gray	5.5	30	500m drum	12P5EHA004N-GY2K
4-Pair 26 AWG F/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.5	30	1000m drum	12P5EVA004N-GY2L
4-Pair 26 AWG F/UTP CAT5e LSOH IEC 60332-1 Flexible Cable Gray	5.5	30	1000m drum	12P5EHA004N-GY2L

AT&T CopperLine Category 5e

SF/UTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair SF/UTP flexible cables

Frequency range	1-100 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Overall inner shield	Aluminum foil
Overall outer shield	Tin-coated copper braid
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 5e work area cable according to IEC 61156-6
- Category 5e cord cable according to ANSI/TIA-568-C.2 (50% IL derating)
- 100MHz work area cable according to EN 50288-2-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	150 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG F/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.7	38	500m drum	12D5EVA004N-GY2K
4-Pair 26 AWG F/UTP CAT5e LSOH IEC 60332-1 Flexible Cable Gray	5.7	38	500m drum	12D5EHA004N-GY2K
4-Pair 26 AWG F/UTP CAT5e PVC IEC 60332-1 Flexible Cable Gray	5.7	38	1000m drum	12D5EVA004N-GY2L
4-Pair 26 AWG F/UTP CAT5e LSOH IEC 60332-1 Flexible Cable Gray	5.7	38	1000m drum	12D5EHA004N-GY2L

AT&T CopperLine Category 5e

Unshielded RJ45 Plugs

Description

8P8C unshielded RJ45 plugs	
Frequency range	1-100 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	50μ-Inch Gold plating over nickel plated copper alloy
Shield	None
Housing	FR Polycarbonate

Standard & EU Directives Conformance

- 100MHz unshielded connectors according to IEC 60603-7-2
- 100MHz unshielded connectors according to EN 60603-7-2
- Category 5e connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Unshielded CAT5e Plug	Transparent	Solid	100/Box	15U5ENV008A-TP5C
8P8C RJ45 Unshielded CAT5e Plug	Transparent	Stranded	100/Box	15U5ENV008B-TP5C
8P8C RJ45 Unshielded CAT5e Plug	Transparent	Solid & Stranded	100/Box	15U5ENV008C-TP5C

AT&T CopperLine Category 5e

Shielded RJ45 Plugs

Description

8P8C shielded RJ45 plugs

Frequency range

1-100 MHz

Compatible conductors

24-26 AWG Solid or stranded

Contacts

50μ-Inch Gold plating over

nickel plated copper alloy

Shield

Corrosion resistant metal casing

Housing

FR Polycarbonate

Standard & EU Directives Conformance

- 100MHz shielded connectors according to IEC 60603-7-1
- 100MHz shielded connectors according to EN 60603-7-1
- Category 5e connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Ampacity

1.5 A max.

Cable form compatibility

Flat or round

Insertion/withdrawal

750 cycles Level A durability

Cable re-termination

0 terminations

Operating temperature

-20 to +60C at 5-95% RH
(non condensing)

Contact resistance

20 mOhm max.

DC resistance

0.1 Ohm max.

Voltage rating

75 Vdc max.

Insulation resistance

500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Shielded CAT5e Plug	Transparent	Solid	100/Box	15S5ENV008A-TP5C
8P8C RJ45 Shielded CAT5e Plug	Transparent	Stranded	100/Box	15S5ENV008B-TP5C
8P8C RJ45 Shielded CAT5e Plug	Transparent	Solid & Stranded	100/Box	15S5ENV008C-TP5C

AT&T CopperLine Category 5e

Unshielded RJ45 Punch-Down Keystone Jacks

Description

8P8C unshielded RJ45 punch-down keystone jacks

Frequency range	1-100 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield	None
Housing	High impact FR compound
Standard color	White/Lt. Blue (other colors available)

Standard & EU Directives Conformance

- 100MHz unshielded connectors acc. to IEC 60603-7-2
- 100MHz unshielded connectors acc. to EN 60603-7-2
- Category 5e connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool

Straight jacks are compatible with 24-port & 48-port 1U panels

Angled jacks are compatible only with 24-port 2-row 1U panels



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Unshielded CAT5e PD Keystone Jack	White/Lt. Blue	Straight	1/Bag 96/Box	15A5ENV008A-WL61
8P8C RJ45 Unshielded CAT5e PD Keystone Jack	White/Lt. Blue	Angled	1/Bag 60/Box	15A5ENV008B-WL61

AT&T CopperLine Category 5e

Shielded RJ45 Punch-Down Keystone Jacks

Description

8P8C shielded RJ45 punch-down keystone jacks

Frequency range	1-100 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 100MHz shielded connectors according to IEC 60603-7-3
- 100MHz shielded connectors according to EN 60603-7-3
- Category 5e connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool
Compatible with 24-port & 48-port 1U panels	



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT5e PD Keystone Jack	Metal/Lt. Blue	Straight	1/Bag 60/Box	15C5ENV008A-ML61
8P8C RJ45 Shielded CAT5e PD 180° Keystone Jack	Metal/Lt. Blue	Angled	1/Bag 60/Box	15C5ENV008B-ML61

AT&T CopperLine Category 5e

Shielded RJ45 Tool-Less Keystone Jacks

Description

8P8C shielded RJ45 tool-less keystone jacks

Frequency range	1-100 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 100MHz unshielded connectors according to IEC 60603-7-3
- 100MHz unshielded connectors according to EN 60603-7-3
- Category 5e connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	TL IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Angled jacks are compatible only with 24-port 2-row 1U panels	



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT5e TL 180° Keystone Jack	Metal	Angled	1/Bag 60/Box	15D5ENV008B-MT61

AT&T CopperLine Category 5e

Unshielded 100 Ohm RJ45 Modular Cords

Description

Unshielded RJ45/RJ45 modular cords

Frequency range	1-100 MHz
Conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 5e modular cords according to ISO/IEC 11801
- Category 5e modular cords according to EN 50173
- Category 5e modular cords according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	0.5	Gray	Black	1/Bag	14U5EVA005A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	1.0	Gray	Black	1/Bag	14U5EVA010A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	2.0	Gray	Black	1/Bag	14U5EVA020A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	3.0	Gray	Black	1/Bag	14U5EVA030A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	5.0	Gray	Black	1/Bag	14U5EVA050A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e PVC Modular Cord	10	Gray	Black	1/Bag	14U5EVA100A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	0.5	Gray	Black	1/Bag	14U5EHA005A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	1.0	Gray	Black	1/Bag	14U5EHA010A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	2.0	Gray	Black	1/Bag	14U5EHA020A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	3.0	Gray	Black	1/Bag	14U5EHA030A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	5.0	Gray	Black	1/Bag	14U5EHA050A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT5e LS0H Modular Cord	10	Gray	Black	1/Bag	14U5EHA100A-GY61

AT&T CopperLine Category 5e

Shielded 100 Ohm RJ45 Modular Cords

Description

Shielded RJ45/RJ45 F/UTP modular cords

Frequency range	1-100 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Overall shield	Aluminum foil
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 5e modular cords according to ISO/IEC 11801
- Category 5e modular cords according to EN 50173
- Category 5e modular cords according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	0.5	Gray	Black	1/Bag	14P5EVA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	1.0	Gray	Black	1/Bag	14P5EVA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	2.0	Gray	Black	1/Bag	14P5EVA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	3.0	Gray	Black	1/Bag	14P5EVA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	5.0	Gray	Black	1/Bag	14P5EVA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e PVC Modular Cord	10	Gray	Black	1/Bag	14P5EVA100A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LSOH Modular Cord	0.5	Gray	Black	1/Bag	14P5EHA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LSOH Modular Cord	1.0	Gray	Black	1/Bag	14P5EHA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LSOH Modular Cord	2.0	Gray	Black	1/Bag	14P5EHA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LSOH Modular Cord	3.0	Gray	Black	1/Bag	14P5EHA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LSOH Modular Cord	5.0	Gray	Black	1/Bag	14P5EHA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded F/UTP CAT5e LSOH Modular Cord	10	Gray	Black	1/Bag	14P5EHA100A-GY61

AT&T CopperLine Category 5e

Shielded 100 Ohm RJ45 Modular Cords

Description

Shielded RJ45/RJ45 SF/UTP modular cords

Frequency range	1-100 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Overall inner shield	Aluminum foil
Overall outer shield	Tin-coated copper braid
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 5e modular cords according to ISO/IEC 11801
- Category 5e modular cords according to EN 50173
- Category 5e modular cords according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	0.5	Gray	Black	1/Bag	14D5EVA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	1.0	Gray	Black	1/Bag	14D5EVA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	2.0	Gray	Black	1/Bag	14D5EVA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	3.0	Gray	Black	1/Bag	14D5EVA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	5.0	Gray	Black	1/Bag	14D5EVA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e PVC Modular Cord	10	Gray	Black	1/Bag	14D5EVA100A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LSOH Modular Cord	0.5	Gray	Black	1/Bag	14D5EHA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LSOH Modular Cord	1.0	Gray	Black	1/Bag	14D5EHA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LSOH Modular Cord	2.0	Gray	Black	1/Bag	14D5EHA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LSOH Modular Cord	3.0	Gray	Black	1/Bag	14D5EHA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LSOH Modular Cord	5.0	Gray	Black	1/Bag	14D5EHA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded SF/UTP CAT5e LSOH Modular Cord	10	Gray	Black	1/Bag	14D5EHA100A-GY61



AT&T CopperLine Category 5e

Unshielded 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Unshielded RJ45 consolidation point cords (plug to jack)	
Frequency range	1-100 MHz
Solid conductor	24 AWG solid bare copper
Stranded conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Standard jack color	White (other colors available)
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31U5EVA050A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31U5EVA100A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31U5EVA150A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31U5EVA200A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31U5EVA250A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31U5EVA300A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U5EVA050B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U5EVA100B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U5EVA150B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U5EVA200B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U5EVA250B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U5EVA300B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31U5EHA050A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31U5EHA100A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31U5EHA150A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31U5EHA200A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31U5EHA250A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31U5EHA300A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U5EHA050B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U5EHA100B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U5EHA150B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U5EHA200B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U5EHA250B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT5e LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U5EHA300B-GY5E

AT&T CopperLine Category 5e

F/UTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Shielded F/UTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-100 MHz
Solid conductor	24 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LSOH
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper stranded wire
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31P5EVA050A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31P5EVA100A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31P5EVA150A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31P5EVA200A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31P5EVA250A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31P5EVA300A-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31P5EVA050B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31P5EVA100B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31P5EVA150B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31P5EVA200B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31P5EVA250B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31P5EVA300B-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31P5EHA050A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31P5EHA100A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31P5EHA150A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31P5EHA200A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31P5EHA250A-GY5E
4-Pair 24 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31P5EHA300A-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31P5EHA050B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31P5EHA100B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31P5EHA150B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31P5EHA200B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31P5EHA250B-GY5E
4-Pair 26 AWG RJ45 F/UTP Shielded CAT5e LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31P5EHA300B-GY5E



AT&T CopperLine Category 5e

Unshielded RJ21 (Telco) to RJ45 Plug & Play Patch Panels

Description

24 or 48 port unshielded panels (used with RJ21/RJ21 25-Pair cords)

Frequency range	1-100 MHz
Panel front	4 or 8 modules of 6 RJ45 jacks
Panel back	4 or 8 RJ21 (Telco) sockets
Color	Black
Shield	None
Housing	High impact FR compound
Frame	Galvanized steel

Standard & EU Directives Conformance

- Category 5e connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Port contacts	50μ-Inch gold plating
Insertion/Extraction durability	750 cycles
IDC termination durability	200 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.2 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	10 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Modules	Units	Size mm	Packaging	P/N
24 Port RJ21/RJ45 Unshielded CAT5e 19" Patch Panel	Black	4	1U	44.4x483	1/Box	13U5ENV024A-BK1U
48 Port RJ21/RJ45 Unshielded CAT5e 19" Patch Panel	Black	8	2U	89.0x483	1/Box	13U5ENV048A-BK2U

AT&T CopperLine Category 5e

Unshielded 100 Ohm RJ21 Plug & Play Telco Cords

Description

25-Pair unshielded RJ21/RJ21 Telco cords (used with Telco panels)

Frequency range	1-100 MHz
Conductor	24 AWG solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Plugs	Packaging	P/N
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	10	Gray	Telco 120°	1/Bag	14U5EVA100T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	20	Gray	Telco 120°	1/Bag	14U5EVA200T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	30	Gray	Telco 120°	1/Bag	14U5EVA300T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	40	Gray	Telco 120°	1/Bag	14U5EVA400T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	50	Gray	Telco 120°	1/Bag	14U5EVA500T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	10	Gray	Telco 120°	1/Bag	14U5EHA100T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	20	Gray	Telco 120°	1/Bag	14U5EHA200T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	30	Gray	Telco 120°	1/Bag	14U5EHA300T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	40	Gray	Telco 120°	1/Bag	14U5EHA400T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	50	Gray	Telco 120°	1/Bag	14U5EHA500T-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	10	Gray	Telco 180°	1/Bag	14U5EVA100S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	20	Gray	Telco 180°	1/Bag	14U5EVA200S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	30	Gray	Telco 180°	1/Bag	14U5EVA300S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	40	Gray	Telco 180°	1/Bag	14U5EVA400S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e PVC Telco Cord	50	Gray	Telco 180°	1/Bag	14U5EVA500S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	10	Gray	Telco 180°	1/Bag	14U5EHA100S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	20	Gray	Telco 180°	1/Bag	14U5EHA200S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	30	Gray	Telco 180°	1/Bag	14U5EHA300S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	40	Gray	Telco 180°	1/Bag	14U5EHA400S-GY61
25-Pair 24 AWG RJ21/RJ21 Unshielded CAT5e LSOH Telco Cord	50	Gray	Telco 180°	1/Bag	14U5EHA500S-GY61

AT&T CopperLine Category 5e

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port unshielded RJ45 pre-terminated cassettes in 24-Port panel	
Frequency range	1-100 MHz
Cassette contents	6 unshielded CAT5e RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	24 AWG solid bare copper
Insulation	PO
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LSOH black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks color	White/Lt. Blue (other colors available)
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Unshielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13U00NV024P-BK51
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32U5EHA100C-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32U5EHA200C-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32U5EHA300C-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32U5EHA400C-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32U5EHA500C-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jack	1/Bag	32U5EHA100R-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jack	1/Bag	32U5EHA200R-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jack	1/Bag	32U5EHA300R-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jack	1/Bag	32U5EHA400R-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jack	1/Bag	32U5EHA500R-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32U5EHA050L-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32U5EHA100L-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32U5EHA150L-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32U5EHA200L-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32U5EHA250L-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32U5EHA100E-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32U5EHA200E-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32U5EHA300E-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32U5EHA400E-BK61
6-Port Unshielded CAT5e Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32U5EHA500E-BK61



AT&T CopperLine Category 5e

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port shielded RJ45 F/UTP pre-terminated cassettes in 24-Port panel

Frequency range	1-100 MHz
Cassette contents	6 shielded CAT5e RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	24 AWG solid bare copper
Insulation	PO
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LSOH black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials)

flame tests

- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jack shield	Die-cast metal case
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Shielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13S00NV024P-BK51
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32S5EHA100C-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32S5EHA200C-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32S5EHA300C-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32S5EHA400C-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32S5EHA500C-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jack	1/Bag	32S5EHA100R-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jack	1/Bag	32S5EHA200R-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jack	1/Bag	32S5EHA300R-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jack	1/Bag	32S5EHA400R-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jack	1/Bag	32S5EHA500R-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32S5EHA050L-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32S5EHA100L-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32S5EHA150L-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32S5EHA200L-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32S5EHA250L-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32S5EHA100E-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32S5EHA200E-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32S5EHA300E-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32S5EHA400E-BK61
6-Port Shielded CAT5e Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32S5EHA500E-BK61



AT&T CopperLine Category 5e

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cable Bundles

Description

6-Port unshielded R45/RJ45 pre-terminated cable bundles	
Frequency range	1-100 MHz
Termination	CAT5e unshielded jacks
Conductor	24 AWG solid bare copper
Insulation	PO
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
- Category 5e according to EN 50173
- Category 5e according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks color	White/Lt. Blue (other colors available)
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33U5EVA100R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33U5EVA200R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33U5EVA300R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33U5EVA400R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33U5EVA500R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33U5EHA100R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33U5EHA200R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33U5EHA300R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33U5EHA400R-GY51
6-Port Unshielded CAT5e Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33U5EHA500R-GY51

AT&T CopperLine Category 5e

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Bundles

Description

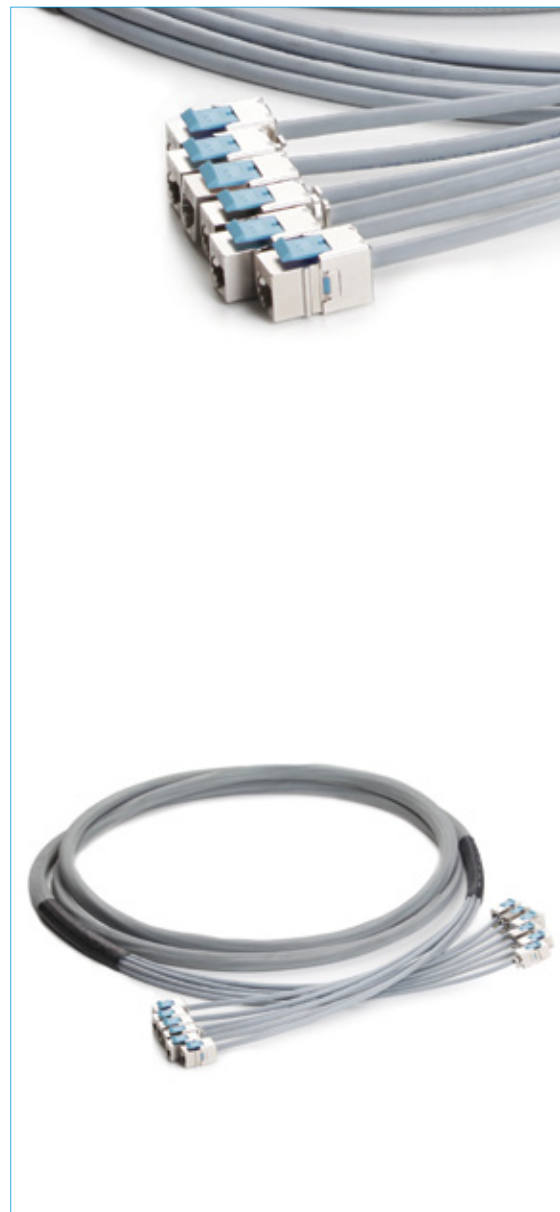
6-Port shielded R45/RJ45 F/UTP pre-terminated cable bundles	
Frequency range	1-100 MHz
Termination	Shielded CAT5e RJ45 jacks
Conductor	24 AWG solid bare copper
Insulation	PO
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LSOH black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 5e according to ISO/IEC 11801
 - Category 5e according to EN 50173
 - Category 5e according to ANSI/TIA-568-C.2
 - IEC 60332-1 (cable) and UL94 V-0 (construction materials)
- flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks shield	Die-cast metal case
Jacks color	Metal/Lt. Blue (other colors available)
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33P5EVA100R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33P5EVA200R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33P5EVA300R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33P5EVA400R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33P5EVA500R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	10	LSOH	RJ45	1/Box	33P5EHA100R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	20	LSOH	RJ45	1/Box	33P5EHA200R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	30	LSOH	RJ45	1/Box	33P5EHA300R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	40	LSOH	RJ45	1/Box	33P5EHA400R-GY51
6-Port Shielded F/UTP CAT5e Plug & Play Pre-Terminated Bundle	50	LSOH	RJ45	1/Box	33P5EHA500R-GY51

AT&T CopperLine Category 6

U/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair U/UTP cables

Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	None
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568-C.2
- 250MHz cable according to EN 50288-6-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG U/UTP CAT6 PVC IEC 60332-1 Cable Gray	5.6	36	305m Reel-in-box	11U06VA004N-GY3J
4-Pair 23 AWG U/UTP CAT6 LSOH IEC 60332-1 Cable Gray	5.6	36	305m Reel-in-box	11U06HA004N-GY3J
4-Pair 23 AWG U/UTP CAT6 LSOH IEC 60332-3-24 Cable Gray	6.3	43	305m Reel-in-box	11U06HC004N-GY3J
4-Pair 23 AWG U/UTP CAT6 PVC IEC 60332-1 Cable Gray	5.6	36	500m drum	11U06VA004N-GY2K
4-Pair 23 AWG U/UTP CAT6 LSOH IEC 60332-1 Cable Gray	5.6	36	500m drum	11U06HA004N-GY2K
4-Pair 23 AWG U/UTP CAT6 LSOH IEC 60332-3-24 Cable Gray	6.3	43	500m drum	11U06HC004N-GY2K
4-Pair 23 AWG U/UTP CAT6 PVC IEC 60332-1 Cable Gray	5.6	36	1000m drum	11U06VA004N-GY2L
4-Pair 23 AWG U/UTP CAT6 LSOH IEC 60332-1 Cable Gray	5.6	36	1000m drum	11U06HA004N-GY2L
4-Pair 23 AWG U/UTP CAT6 LSOH IEC 60332-3-24 Cable Gray	6.3	43	1000m drum	11U06HC004N-GY2L
2x(4-Pair 23 AWG U/UTP) CAT6 PVC IEC 60332-1 FIG-8 Cable Gray	5.6x11.3	72	500m drum	11U06VA008F-GY2K
2x(4-Pair 23 AWG U/UTP) CAT6 LSOH IEC 60332-1 FIG-8 Cable Gray	5.6x11.3	72	500m drum	11U06HA008F-GY2K
2x(4-Pair 23 AWG U/UTP) CAT6 LSOH IEC 60332-3-24 FIG-8 Cable Gray	6.4x12.8	90	500m drum	11U06HC008F-GY2K

AT&T CopperLine Category 6

U/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair U/UTP Slim cables

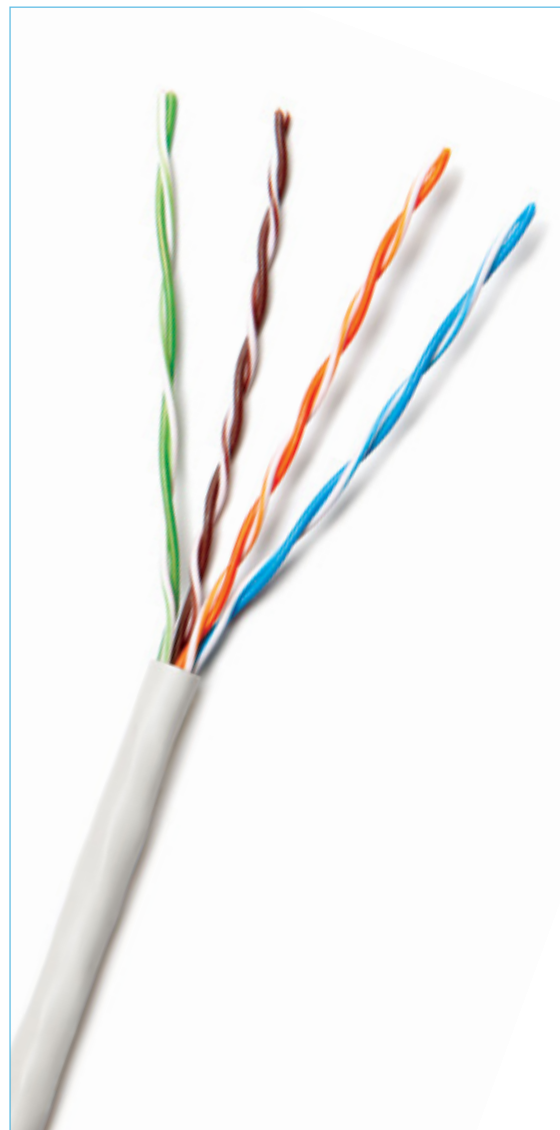
Frequency range	1-250 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	None
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568-C.2
- 250MHz cable according to EN 50288-6-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	90 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP Slim CAT6 PVC IEC 60332-1 Cable Gray	5.2	33	305m Reel-in-box	11U06VA004S-GY3J
4-Pair 24 AWG U/UTP Slim CAT6 LS0H IEC 60332-1 Cable Gray	5.2	33	305m Reel-in-box	11U06HA004S-GY3J
4-Pair 24 AWG U/UTP Slim CAT6 PVC IEC 60332-1 Cable Gray	5.2	33	500m drum	11U06VA004S-GY2K
4-Pair 24 AWG U/UTP Slim CAT6 LS0H IEC 60332-1 Cable Gray	5.2	33	500m drum	11U06HA004S-GY2K
4-Pair 24 AWG U/UTP Slim CAT6 PVC IEC 60332-1 Cable Gray	5.2	33	1000m drum	11U06VA004S-GY2L
4-Pair 24 AWG U/UTP Slim CAT6 LS0H IEC 60332-1 Cable Gray	5.2	33	1000m drum	11U06HA004S-GY2L

AT&T CopperLine Category 6

U/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair U/UTP cables

Frequency range	1-250 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	None
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568-C.2
- 250MHz cable according to EN 50288-6-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT6 PVC IEC 60332-1 Cable Gray	5.5	31	305m Reel-in-box	11U06VA004T-GY3J
4-Pair 24 AWG U/UTP CAT6 LS0H IEC 60332-1 Cable Gray	5.5	31	305m Reel-in-box	11U06HA004T-GY3J
4-Pair 24 AWG U/UTP CAT6 PVC IEC 60332-1 Cable Gray	5.5	31	500m drum	11U06VA004T-GY2K
4-Pair 24 AWG U/UTP CAT6 LS0H IEC 60332-1 Cable Gray	5.5	31	500m drum	11U06HA004T-GY2K
4-Pair 24 AWG U/UTP CAT6 PVC IEC 60332-1 Cable Gray	5.5	31	1000m drum	11U06VA004T-GY2L
4-Pair 24 AWG U/UTP CAT6 LS0H IEC 60332-1 Cable Gray	5.5	31	1000m drum	11U06HA004T-GY2L

AT&T CopperLine Category 6

U/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair U/FTP cables

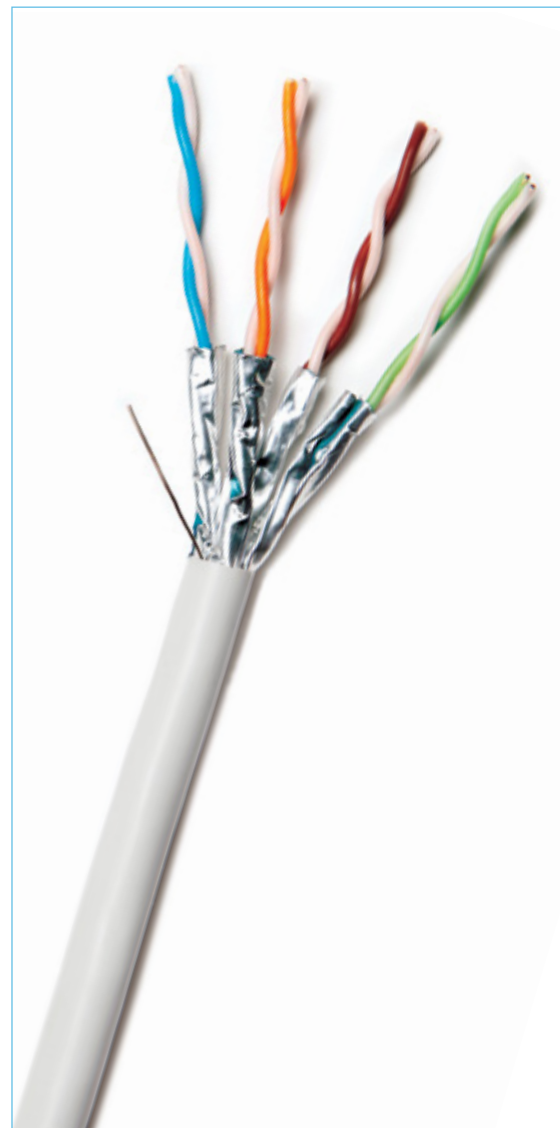
Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568-C.2
- 250MHz cable according to EN 50288-5-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG U/FTP CAT6 PVC IEC 60332-1 Cable Gray	7.0	48	500m drum	11F06VA004N-GY2K
4-Pair 23 AWG U/FTP CAT6 LSOH IEC 60332-1 Cable Gray	7.0	48	500m drum	11F06HA004N-GY2K
4-Pair 23 AWG U/FTP CAT6 LSOH IEC 60332-3-24 Cable Gray	7.3	54	500m drum	11F06HC004N-GY2K
4-Pair 23 AWG U/FTP CAT6 PVC IEC 60332-1 Cable Gray	7.0	48	1000m drum	11F06VA004N-GY2L
4-Pair 23 AWG U/FTP CAT6 LSOH IEC 60332-1 Cable Gray	7.0	48	1000m drum	11F06HA004N-GY2L
4-Pair 23 AWG U/FTP CAT6 LSOH IEC 60332-3-24 Cable Gray	7.3	54	1000m drum	11F06HC004N-GY2L
2x(4-Pair 23 AWG U/FTP) CAT6 PVC IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	96	500m drum	11F06VA008F-GY2K
2x(4-Pair 23 AWG U/FTP) CAT6 LSOH IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	96	500m drum	11F06HA008F-GY2K
2x(4-Pair 23 AWG U/FTP) CAT6 LSOH IEC 60332-3-24 FIG-8 Cable Gray	7.3x14.6	108	500m drum	11F06HC008F-GY2K

AT&T CopperLine Category 6

F/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair F/FTP cables	
Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Shield	Individual pair + overall Aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568-C.2
- 250MHz cable according to EN 50288-5-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG F/FTP CAT6 PVC IEC 60332-1 Cable Gray	7.2	50	500m drum	11T06VA004N-GY2K
4-Pair 23 AWG F/FTP CAT6 LSOH IEC 60332-1 Cable Gray	7.2	50	500m drum	11T06HA004N-GY2K
4-Pair 23 AWG F/FTP CAT6 LSOH IEC 60332-3-24 Cable Gray	7.5	55	500m drum	11T06HC004N-GY2K
4-Pair 23 AWG F/FTP CAT6 PVC IEC 60332-1 Cable Gray	7.2	50	1000m drum	11T06VA004N-GY2L
4-Pair 23 AWG F/FTP CAT6 LSOH IEC 60332-1 Cable Gray	7.2	50	1000m drum	11T06HA004N-GY2L
4-Pair 23 AWG F/FTP CAT6 LSOH IEC 60332-3-24 Cable Gray	7.5	55	1000m drum	11T06HC004N-GY2L
2x(4-Pair 23 AWG F/FTP) CAT6 PVC IEC 60332-1 FIG-8 Cable Gray	7.2x14.4	100	500m drum	11T06VA008F-GY2K
2x(4-Pair 23 AWG F/FTP) CAT6 LSOH IEC 60332-1 FIG-8 Cable Gray	7.2x14.4	100	500m drum	11T06HA008F-GY2K
2x(4-Pair 23 AWG F/FTP) CAT6 LSOH IEC 60332-3-24 FIG-8 Cable Gray	7.5x15.0	110	500m drum	11T06HC008F-GY2K

AT&T CopperLine Category 6

S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables

Frequency range	1-250 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568-C.2
- 250MHz cable according to EN 50288-5-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU CPR 305/2011/EC B2ca s1 d0 classification upon request

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT6 PVC IEC 60332-1 Cable Gray	7.0	50	500m drum	11S06VA004N-GY2K
4-Pair 23 AWG S/FTP CAT6 LS0H IEC 60332-1 Cable Gray	7.0	50	500m drum	11S06HA004N-GY2K
4-Pair 23 AWG S/FTP CAT6 PVC IEC 60332-1 Cable Gray	7.0	50	1000m drum	11S06VA004N-GY2L
4-Pair 23 AWG S/FTP CAT6 LS0H IEC 60332-1 Cable Gray	7.0	50	1000m drum	11S06HA004N-GY2L
2x(4-Pair 23 AWG S/FTP) CAT6 PVC IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	100	500m drum	11S06VA008F-GY2K
2x(4-Pair 23 AWG S/FTP) CAT6 LS0H IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	100	500m drum	11S06HA008F-GY2K

AT&T CopperLine Category 6

U/UTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair U/UTP flexible cables

Frequency range	1-250 MHz
Conductor	24 AWG 7x0.20mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	None
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6 work area cable according to IEC 61156-6
- Category 6 cord cable according to ANSI/TIA-568-C.2
- 250MHz work area cable according to EN 50288-6-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	93 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG U/UTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.0	40	500m Drum	12U06VA004N-GY2K
4-Pair 24 AWG U/UTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.0	40	500m Drum	12U06HA004N-GY2K
4-Pair 24 AWG U/UTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.0	40	1000m Drum	12U06VA004N-GY2L
4-Pair 24 AWG U/UTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.0	40	1000m Drum	12U06HA004N-GY2L

AT&T CopperLine Category 6

F/UTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair F/UTP flexible cables

Frequency range	1-250 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper stranded wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6 work area cable according to IEC 61156-6
- Category 6 cord cable according to ANSI/TIA-568-C.2
- 250MHz work area cable according to EN 50288-5-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	150 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	69% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG F/UTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	40	500m Drum	12P06VA004N-GY2K
4-Pair 26 AWG F/UTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.3	40	500m Drum	12P06HA004N-GY2K
4-Pair 26 AWG F/UTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	40	1000m Drum	12P06VA004N-GY2L
4-Pair 26 AWG F/UTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.3	40	1000m Drum	12P06HA004N-GY2L

AT&T CopperLine Category 6

U/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair U/FTP flexible cables

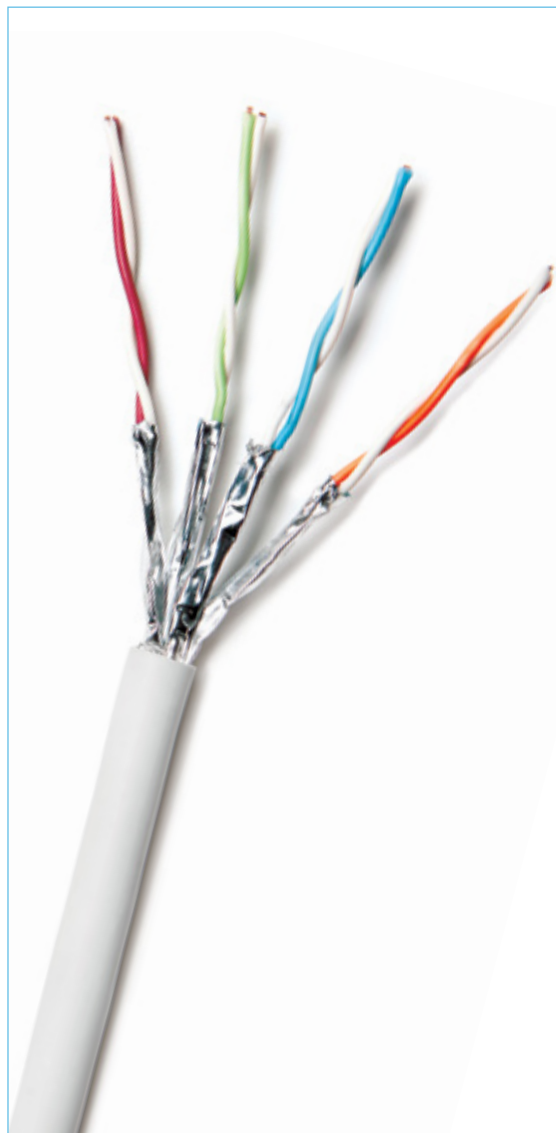
Frequency range	1-250 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper stranded wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6 work area cable according to IEC 61156-6
- Category 6 cord cable according to ANSI/TIA-568-C.2
- 250MHz work area cable according to EN 50288-5-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	150 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG U/FTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	41	500m Drum	12F06VA004N-GY2K
4-Pair 26 AWG U/FTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.3	41	500m Drum	12F06HA004N-GY2K
4-Pair 26 AWG U/FTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	41	1000m Drum	12F06VA004N-GY2L
4-Pair 26 AWG U/FTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.3	41	1000m Drum	12F06HA004N-GY2L

AT&T CopperLine Category 6

S/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair S/FTP flexible cables

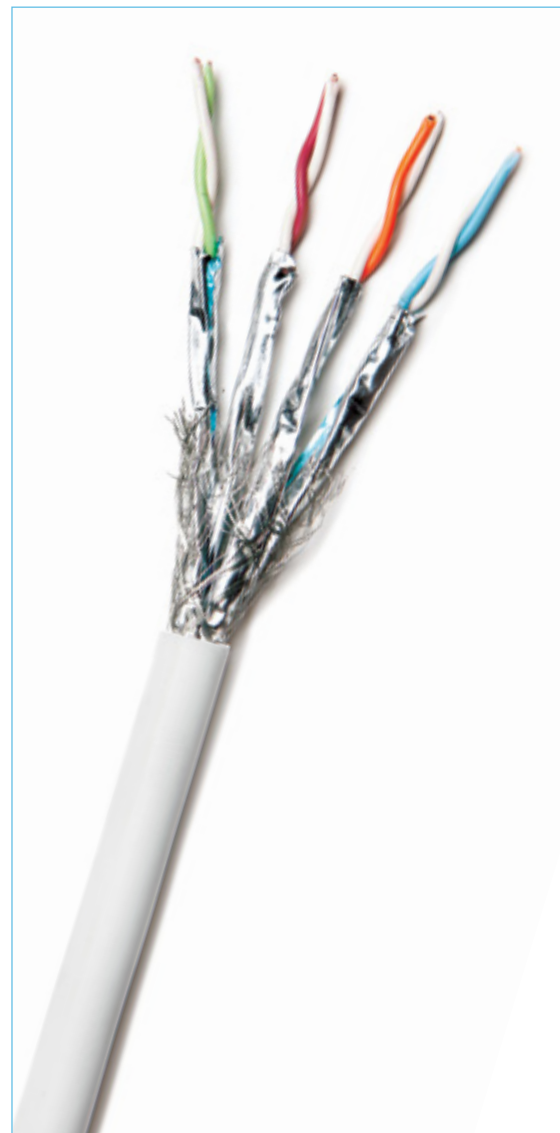
Frequency range	1-250 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	Individual pair aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6 work area cable according to IEC 61156-6
- Category 6 cord cable according to ANSI/TIA-568-C.2
- 250MHz work area cable according to EN 50288-5-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	150 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG S/FTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	42	500m Drum	12S06VA004N-GY2K
4-Pair 26 AWG S/FTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.3	42	500m Drum	12S06HA004N-GY2K
4-Pair 26 AWG S/FTP CAT6 PVC IEC 60332-1 Flexible Cable Gray	6.3	42	1000m Drum	12S06VA004N-GY2L
4-Pair 26 AWG S/FTP CAT6 LSOH IEC 60332-1 Flexible Cable Gray	6.3	42	1000m Drum	12S06HA004N-GY2L

AT&T CopperLine Category 6

Unshielded RJ45 Plugs

Description

8P8C unshielded RJ45 plugs	
Frequency range	1-250 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	50μ-Inch Gold plating over nickel plated copper alloy
Shield	None
Housing	FR Polycarbonate

Standard & EU Directives Conformance

- 250MHz unshielded connectors according to IEC 60603-7-4
- 250MHz unshielded connectors according to EN 60603-7-4
- Category 6 connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Unshielded CAT6 Plug	Transparent	Solid	100/Box	15U06NV008A-TP5C
8P8C RJ45 Unshielded CAT6 Plug	Transparent	Stranded	100/Box	15U06NV008B-TP5C
8P8C RJ45 Unshielded CAT6 Plug	Transparent	Solid & Stranded	100/Box	15U06NV008C-TP5C

AT&T CopperLine Category 6

Shielded RJ45 Plugs

Description

8P8C shielded RJ45 plugs	
Frequency range	1-250 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	50μ-Inch Gold plating over nickel plated copper alloy
Shield	Corrosion resistant metal casing
Housing	FR Polycarbonate

Standard & EU Directives Conformance

- 250MHz shielded connectors according to IEC 60603-7-5
- 250MHz shielded connectors according to EN 60603-7-5
- Category 6 connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Shielded CAT6 Plug	Transparent	Solid	100/Box	15S06NV008A-TP5C
8P8C RJ45 Shielded CAT6 Plug	Transparent	Stranded	100/Box	15S06NV008B-TP5C
8P8C RJ45 Shielded CAT6 Plug	Transparent	Solid & Stranded	100/Box	15S06NV008C-TP5C

AT&T CopperLine Category 6

Unshielded RJ45 Punch-Down Keystone Jacks

Description

8P8C unshielded RJ45 punch-down keystone jacks

Frequency range	1-250 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield	None
Housing	High impact FR compound
Standard color	White/Blue or White.

Standard & EU Directives Conformance

- 250MHz unshielded connectors according to IEC 60603-7-4
- 250MHz unshielded connectors according to EN 60603-7-4
- Category 6 connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180° or 90°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool (*)

P/N 15A06NV008A compatible with 24-port & 48-port 1U panels

P/N 15A06NV008B compatible only with 24-port 2-row 1U panels

P/N 15A06NV008C compatible only with 24-port 1U panels

P/N 15A06NV008D compatible with 24-port & 48-port 1U panels.

Ordering Information

Description	Shutter	Color	Form	Packaging	P/N
8P8C RJ45 Unshielded CAT6 PD 180° Keystone Jack	None	White/Blue	Straight	1/Bag 96/Box	15A06NV008A-WB61
8P8C RJ45 Unshielded CAT6 PD 180° Keystone Jack	None	White/Blue	Angled	1/Bag 60/Box	15A06NV008B-WB61
8P8C RJ45 Unshielded CAT6 PD 90° Keystone Jack (*)	None	White	Straight	1/Bag 96/Box	15A06NV008C-WT61
8P8C RJ45 Unshielded CAT6 PD 180° Keystone Jack	Yes	White	Straight	1/Bag 96/Box	15A06NV008D-WT61

(*) Not compatible with the MultiPunch 4-Pair Tool



AT&T CopperLine Category 6

Shielded RJ45 Punch-Down Keystone Jacks

Description

8P8C shielded RJ45 punch-down keystone jacks

Frequency range	1-250 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 250MHz shielded connectors according to IEC 60603-7-5
- 250MHz shielded connectors according to EN 60603-7-5
- Category 6 connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool

Straight jacks are compatible with 24-port & 48-port 1U panels



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT6 PD 180° Keystone Jack	Metal/Blue	Straight	1/Bag 60/Box	15C06NV008A-MB61
8P8C RJ45 Shielded CAT6 PD 180° Keystone Jack	Metal/Blue	Angled	1/Bag 60/Box	15C06NV008B-MB61

AT&T CopperLine Category 6

Shielded RJ45 Tool-Less Keystone Jacks

Description

8P8C shielded RJ45 tool-less keystone jacks

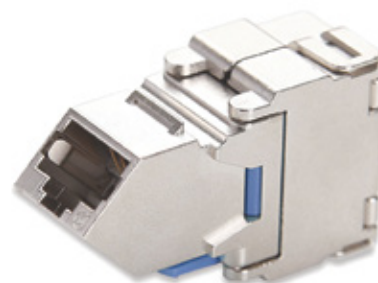
Frequency range	1-250 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 250MHz shielded connectors according to IEC 60603-7-5
- 250MHz shielded connectors according to EN 60603-7-5
- Category 6 connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	TL IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Angled jacks are compatible only with 24-port 2-row 1U panels	



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT6 TL 180° Keystone Jack	Metal/Blue	Angled	1/Bag 60/Box	15D06NV008B-MB61

AT&T CopperLine Category 6

Unshielded 100 Ohm RJ45 Modular Cords

Description

Unshielded RJ45/RJ45 modular cords

Frequency range	1-250 MHz
Conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6 modular cords according to ISO/IEC 11801
- Category 6 modular cords according to EN 50173
- Category 6 modular cords according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	0.5	Gray	Black	1/Bag	14U06HA005A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	1.0	Gray	Black	1/Bag	14U06HA010A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	2.0	Gray	Black	1/Bag	14U06HA020A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	3.0	Gray	Black	1/Bag	14U06HA030A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	5.0	Gray	Black	1/Bag	14U06HA050A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded CAT6 LSOH Modular Cord	10	Gray	Black	1/Bag	14U06HA100A-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	0.5	Gray	Black	1/Bag	14U06HA005B-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	1.0	Gray	Black	1/Bag	14U06HA010B-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	2.0	Gray	Black	1/Bag	14U06HA020B-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	3.0	Gray	Black	1/Bag	14U06HA030B-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	5.0	Gray	Black	1/Bag	14U06HA050B-GY61
4-Pair 24 AWG RJ45/RJ45 Unshielded Assembly Type CAT6 LSOH Modular Cord	10	Gray	Black	1/Bag	14U06HA100B-GY61



AT&T CopperLine Category 6

Shielded 100 Ohm RJ45 Modular Cords

Description

Shielded RJ45/RJ45 S/FTP modular cords

Frequency range	1-250 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6 modular cords according to ISO/IEC 11801
- Category 6 modular cords according to EN 50173
- Category 6 modular cords according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	0.5	Gray	Black	1/Bag	14S06VA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	1.0	Gray	Black	1/Bag	14S06VA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	2.0	Gray	Black	1/Bag	14S06VA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	3.0	Gray	Black	1/Bag	14S06VA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	5.0	Gray	Black	1/Bag	14S06VA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 PVC Modular Cord	10	Gray	Black	1/Bag	14S06VA100A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LSOH Modular Cord	0.5	Gray	Black	1/Bag	14S06HA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LSOH Modular Cord	1.0	Gray	Black	1/Bag	14S06HA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LSOH Modular Cord	2.0	Gray	Black	1/Bag	14S06HA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LSOH Modular Cord	3.0	Gray	Black	1/Bag	14S06HA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LSOH Modular Cord	5.0	Gray	Black	1/Bag	14S06HA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6 LSOH Modular Cord	10	Gray	Black	1/Bag	14S06HA100A-GY61

AT&T CopperLine Category 6

Unshielded 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Unshielded RJ45 consolidation point cords (plug to jack)	
Frequency range	1-250 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	24 AWG 7x0.20 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Standard jack color	White (other colors available)
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31U06VA050A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31U06VA100A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31U06VA150A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31U06VA200A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31U06VA250A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31U06VA300A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U06VA050B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U06VA100B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U06VA150B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U06VA200B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U06VA250B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U06VA300B-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31U06HA050A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31U06HA100A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31U06HA150A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31U06HA200A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31U06HA250A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31U06HA300A-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U06HA050B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U06HA100B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U06HA150B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U06HA200B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U06HA250B-GY5E
4-Pair 24 AWG RJ45 Unshielded CAT6 LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U06HA300B-GY5E



AT&T CopperLine Category 6

U/FTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Shielded U/FTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-250 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LSOH
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper stranded wire
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31F06VA050A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31F06VA100A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31F06VA150A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31F06VA200A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31F06VA250A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31F06VA300A-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31F06VA050B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31F06VA100B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31F06VA150B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31F06VA200B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31F06VA250B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31F06VA300B-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31F06HA050A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31F06HA100A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31F06HA150A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31F06HA200A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31F06HA250A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31F06HA300A-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31F06HA050B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31F06HA100B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31F06HA150B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31F06HA200B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31F06HA250B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6 LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31F06HA300B-GY5E

AT&T CopperLine Category 6

S/FTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Shielded S/FTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-250 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LSOH
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31S06VA050A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31S06VA100A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31S06VA150A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31S06VA200A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31S06VA250A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31S06VA300A-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31S06VA050B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31S06VA100B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31S06VA150B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31S06VA200B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31S06VA250B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31S06VA300B-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31S06HA050A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31S06HA100A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31S06HA150A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31S06HA200A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31S06HA250A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31S06HA300A-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31S06HA050B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31S06HA100B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31S06HA150B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31S06HA200B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31S06HA250B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6 LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31S06HA300B-GY5E



AT&T CopperLine Category 6

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port unshielded RJ45 pre-terminated cassettes in 24-Port panel	
Frequency range	1-250 MHz
Cassette contents	6 unshielded CAT6 RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	23 AWG solid bare copper
Insulation	PO
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LSOH black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials)
- flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Unshielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13U00NV024P-BK51
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32U06HA100C-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32U06HA200C-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32U06HA300C-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32U06HA400C-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32U06HA500C-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jacks	1/Bag	32U06HA100R-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jacks	1/Bag	32U06HA200R-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jacks	1/Bag	32U06HA300R-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jacks	1/Bag	32U06HA400R-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jacks	1/Bag	32U06HA500R-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32U06HA050L-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32U06HA100L-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32U06HA150L-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32U06HA200L-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32U06HA250L-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32U06HA100E-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32U06HA200E-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32U06HA300E-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32U06HA400E-BK61
6-Port Unshielded CAT6 Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32U06HA500E-BK61

AT&T CopperLine Category 6

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port shielded RJ45 pre-terminated cassettes in 24-Port panel	
Frequency range	1-250 MHz
Cassette contents	6 shielded CAT6 RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	23 AWG solid bare copper
Insulation	PO
Individual shield	Aluminum foil
Drain wire	None.
Overall shield	Tin-coated copper braid
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LSOH black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials)

flame tests

- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jack shield	Die-cast metal case
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Shielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13S00NV024P-BK51
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32S06HA100C-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32S06HA200C-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32S06HA300C-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32S06HA400C-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32S06HA500C-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jacks	1/Bag	32S06HA100R-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jacks	1/Bag	32S06HA200R-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jacks	1/Bag	32S06HA300R-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jacks	1/Bag	32S06HA400R-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jacks	1/Bag	32S06HA500R-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32S06HA050L-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32S06HA100L-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32S06HA150L-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32S06HA200L-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32S06HA250L-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32S06HA100E-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32S06HA200E-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32S06HA300E-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32S06HA400E-BK61
6-Port Shielded S/FTP CAT6 Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32S06HA500E-BK61

AT&T CopperLine Category 6

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cable Bundles

Description

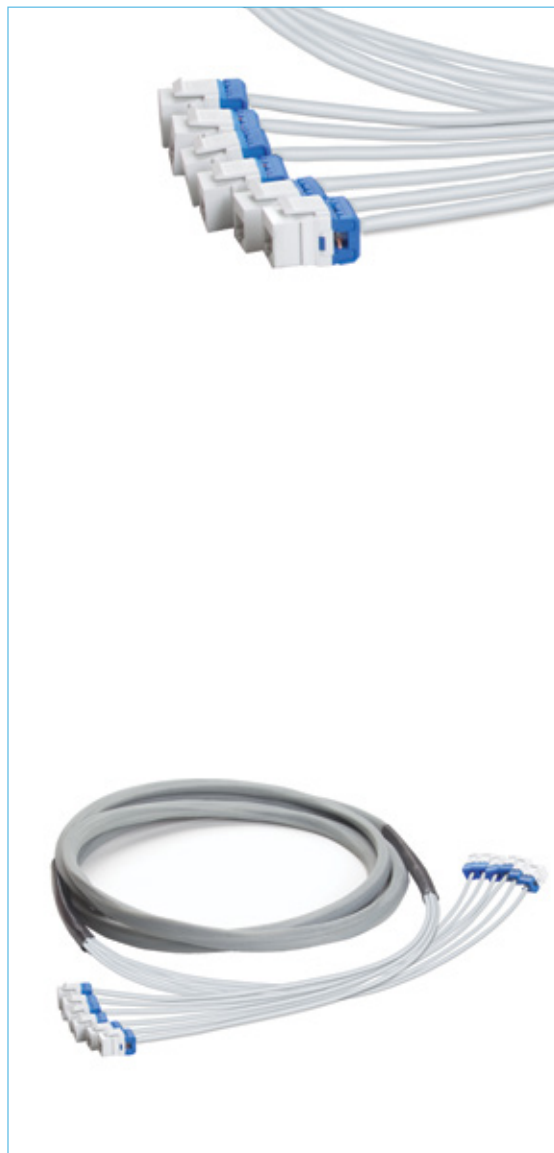
6-Port unshielded R45/RJ45 pre-terminated cable bundles	
Frequency range	1-250 MHz
Termination	Unshielded CAT6 RJ45 jacks
Conductor	23 AWG solid bare copper
Insulation	PO
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks color	White/Blue (other colors available)
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33U06VA100R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33U06VA200R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33U06VA300R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33U06VA400R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33U06VA500R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33U06HA100R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33U06HA200R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33U06HA300R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33U06HA400R-GY51
6-Port Unshielded CAT6 Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33U06HA500R-GY51

AT&T CopperLine Category 6

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Bundles

Description

6-Port Shielded U/FTP or S/FTP R45/RJ45 pre-terminated cable bundles

Frequency range	1-250 MHz
Termination	Shielded CAT6 RJ45 jacks
Conductor	23 AWG solid bare copper
Insulation	PO
Individual shield	Aluminum foil
Drain wire (U/FTP cable only)	Single tin-coated copper solid wire
Overall shield (S/FTP cable only)	Tin-coated copper braid
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6 according to ISO/IEC 11801
- Category 6 according to EN 50173
- Category 6 according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks shield	Die-cast metal case
Jacks color	Metal/Blue (other colors available)
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33F06VA100R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33F06VA200R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33F06VA300R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33F06VA400R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33F06VA500R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33F06HA100R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33F06HA200R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33F06HA300R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33F06HA400R-GY51
6-Port Shielded U/FTP CAT6 Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33F06HA500R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33S06VA100R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33S06VA200R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33S06VA300R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33S06VA400R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33S06VA500R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33S06HA100R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33S06HA200R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33S06HA300R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33S06HA400R-GY51
6-Port Shielded S/FTP CAT6 Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33S06HA500R-GY51



AT&T CopperLine Category 6A

Unshielded 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair unshielded cables

Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (Solid colors)
Shield	None
Note: Alien-crosstalk is minimized by non-grounded aluminum foils wrapped over each pair.	
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568-C.2
- 500MHz cable according to EN 50288-11-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG Unshielded CAT6A PVC IEC 60332-1 Cable Gray	7.0	48	500m drum	11M6AVA004N-GY2K
4-Pair 23 AWG Unshielded CAT6A LSOH IEC 60332-1 Cable Gray	7.0	48	500m drum	11M6AHA004N-GY2K
4-Pair 23 AWG Unshielded CAT6A LSOH IEC 60332-3-24 Cable Gray	7.3	52	500m drum	11M6AHC004N-GY2K
4-Pair 23 AWG Unshielded CAT6A PVC IEC 60332-1 Cable Gray	7.0	48	1000m drum	11M6AVA004N-GY2L
4-Pair 23 AWG Unshielded CAT6A LSOH IEC 60332-1 Cable Gray	7.0	48	1000m drum	11M6AHA004N-GY2L
4-Pair 23 AWG Unshielded CAT6A LSOH IEC 60332-3-24 Cable Gray	7.3	52	1000m drum	11M6AHC004N-GY2L
2x(4-Pair 23 AWG Unshielded) CAT6A PVC IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	96	500m drum	11M6AVA008F-GY2K
2x(4-Pair 23 AWG Unshielded) CAT6A LSOH IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	96	500m drum	11M6AHA008F-GY2K
2x(4-Pair 23 AWG Unshielded) CAT6A LSOH IEC 60332-3-24 FIG-8 Cable Gray	7.3x14.6	104	500m drum	11M6AHC008F-GY2K

AT&T CopperLine Category 6A

U/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair U/FTP cables

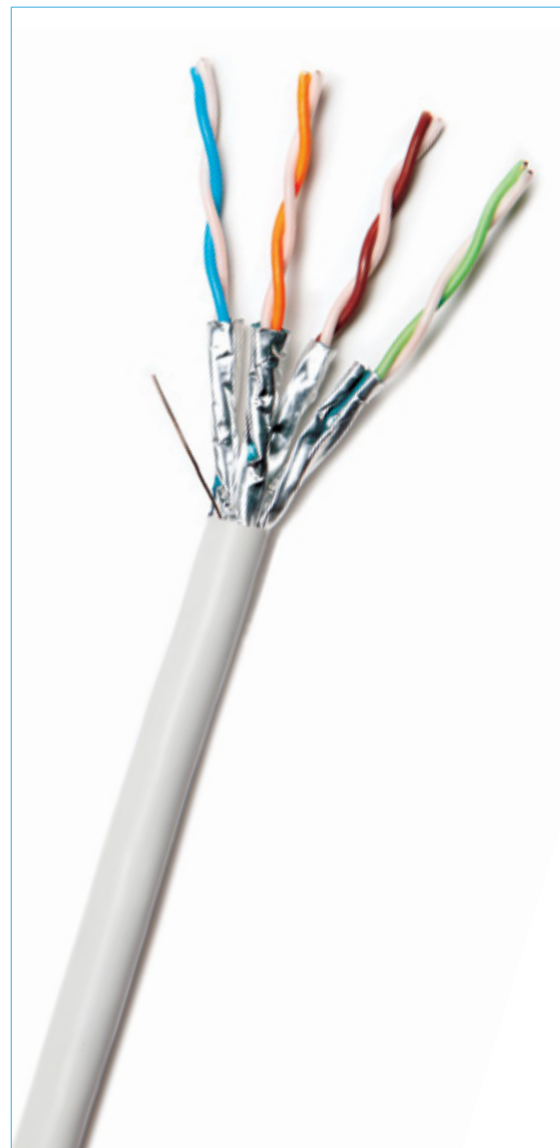
Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568-C.2
- 500MHz cable according to EN 50288-10-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG U/FTP CAT6A PVC IEC 60332-1 Cable Gray	7.0	48	500m drum	11F6AVA004N-GY2K
4-Pair 23 AWG U/FTP CAT6A LSOH IEC 60332-1 Cable Gray	7.0	48	500m drum	11F6AHA004N-GY2K
4-Pair 23 AWG U/FTP CAT6A LSOH IEC 60332-3-24 Cable Gray	7.3	53	500m drum	11F6AHC004N-GY2K
4-Pair 23 AWG U/FTP CAT6A PVC IEC 60332-1 Cable Gray	7.0	48	1000m drum	11F6AVA004N-GY2L
4-Pair 23 AWG U/FTP CAT6A LSOH IEC 60332-1 Cable Gray	7.0	48	1000m drum	11F6AHA004N-GY2L
4-Pair 23 AWG U/FTP CAT6A LSOH IEC 60332-3-24 Cable Gray	7.3	53	1000m drum	11F6AHC004N-GY2L
2x(4-Pair 23 AWG U/FTP) CAT6A PVC IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	96	500m drum	11F6AVA008F-GY2K
2x(4-Pair 23 AWG U/FTP) CAT6A LSOH IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	96	500m drum	11F6AHA008F-GY2K
2x(4-Pair 23 AWG U/FTP) CAT6A LSOH IEC 60332-3-24 FIG-8 Cable Gray	7.3x14.6	106	500m drum	11F6AHC008F-GY2K

AT&T CopperLine Category 6A

F/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair F/UTP cables

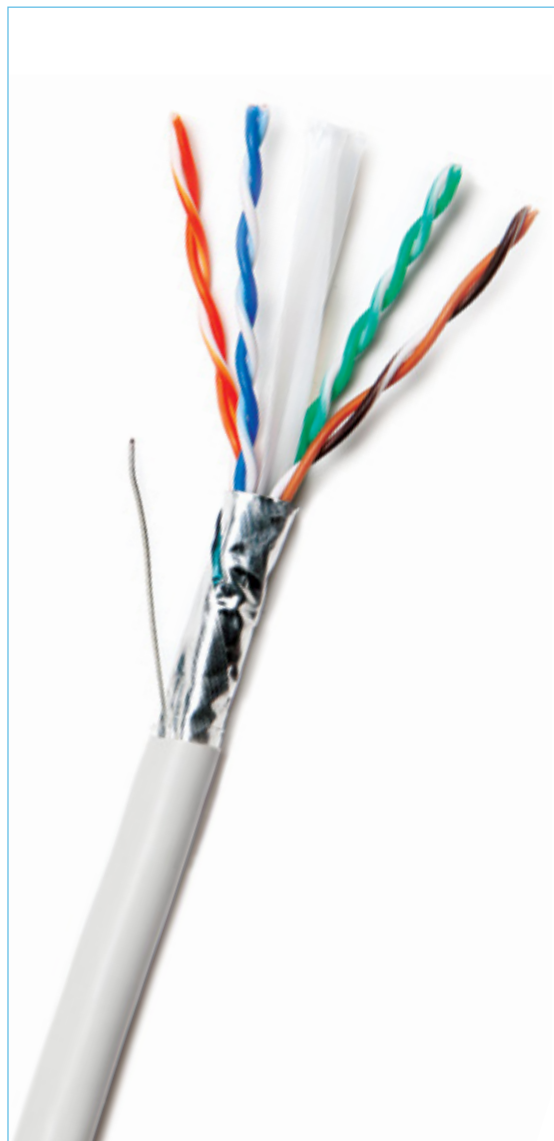
Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568-C.2
- 500MHz cable according to EN 50288-10-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	85 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	66% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG F/UTP CAT6A PVC IEC 60332-1 Cable Gray	7.3	52	500m drum	11P6AVA004N-GY2K
4-Pair 23 AWG F/UTP CAT6A LSOH IEC 60332-1 Cable Gray	7.3	52	500m drum	11P6AHA004N-GY2K
4-Pair 23 AWG F/UTP CAT6A PVC IEC 60332-1 Cable Gray	7.3	52	1000m drum	11P6AVA004N-GY2L
4-Pair 23 AWG F/UTP CAT6A LSOH IEC 60332-1 Cable Gray	7.3	52	1000m drum	11P6AHA004N-GY2L
2x(4-Pair 23 AWG F/UTP) CAT6A PVC IEC 60332-1 FIG-8 Cable Gray	7.3x14.6	104	500m drum	11P6AVA008F-GY2K
2x(4-Pair 23 AWG F/UTP) CAT6A LSOH IEC 60332-1 FIG-8 Cable Gray	7.3x14.6	104	500m drum	11P6AHA008F-GY2K

AT&T CopperLine Category 6A

F/UTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair F/UTP cables

Frequency range	1-500 MHz
Conductor	24 AWG Solid bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	Overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568-C.2
- 500MHz cable according to EN 50288-10-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	95 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	66% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 24 AWG F/UTP CAT6A PVC IEC 60332-1 Cable Gray	7.1	49	500m drum	11P6AVA004T-GY2K
4-Pair 24 AWG F/UTP CAT6A LS0H IEC 60332-1 Cable Gray	7.1	49	500m drum	11P6AHA004T-GY2K
4-Pair 24 AWG F/UTP CAT6A PVC IEC 60332-1 Cable Gray	7.1	49	1000m drum	11P6AVA004T-GY2L
4-Pair 24 AWG F/UTP CAT6A LS0H IEC 60332-1 Cable Gray	7.1	49	1000m drum	11P6AHA004T-GY2L
2x(4-Pair 24 AWG F/UTP) CAT6A PVC IEC 60332-1 FIG-8 Cable Gray	7.1x14.2	96	500m drum	11P6AVA008T-GY2K
2x(4-Pair 24 AWG F/UTP) CAT6A LS0H IEC 60332-1 FIG-8 Cable Gray	7.1x14.2	96	500m drum	11P6AHA008T-GY2K

AT&T CopperLine Category 6A

F/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair F/FTP cables

Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Shield	Individual pair + overall aluminum foil
Drain wire	Single tin-coated copper solid wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568-C.2
- 500MHz cable according to EN 50288-10-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG F/FTP CAT6A PVC IEC 60332-1 Cable Gray	7.2	50	500m drum	11T6AVA004N-GY2K
4-Pair 23 AWG F/FTP CAT6A LSOH IEC 60332-1 Cable Gray	7.2	50	500m drum	11T6AHA004N-GY2K
4-Pair 23 AWG F/FTP CAT6A LSOH IEC 60332-3-24 Cable Gray	7.5	55	500m drum	11T6AHC004N-GY2K
4-Pair 23 AWG F/FTP CAT6A PVC IEC 60332-1 Cable Gray	7.2	50	1000m drum	11T6AVA004N-GY2L
4-Pair 23 AWG F/FTP CAT6A LSOH IEC 60332-1 Cable Gray	7.2	50	1000m drum	11T6AHA004N-GY2L
4-Pair 23 AWG F/FTP CAT6A LSOH IEC 60332-3-24 Cable Gray	7.5	55	1000m drum	11T6AHC004N-GY2L
2x(4-Pair 23 AWG F/FTP) CAT6A PVC IEC 60332-1 FIG-8 Cable Gray	7.2x14.4	100	500m drum	11T6AVA008F-GY2K
2x(4-Pair 23 AWG F/FTP) CAT6A LSOH IEC 60332-1 FIG-8 Cable Gray	7.2x14.4	100	500m drum	11T6AHA008F-GY2K
2x(4-Pair 23 AWG F/FTP) CAT6A LSOH IEC 60332-3-24 FIG-8 Cable Gray	7.5x15.0	110	500m drum	11T6AHC008F-GY2K

AT&T CopperLine Category 6A

S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables

Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568-C.2
- 500MHz cable according to EN 50288-10-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU CPR 305/2011/EC B2ca s1 d0 classification upon request

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT6A PVC IEC 60332-1 Cable Gray	7.0	50	500m drum	11S6AVA004N-GY2K
4-Pair 23 AWG S/FTP CAT6A LSOH IEC 60332-1 Cable Gray	7.0	50	500m drum	11S6AHA004N-GY2K
4-Pair 23 AWG S/FTP CAT6A PVC IEC 60332-1 Cable Gray	7.0	50	1000m drum	11S6AVA004N-GY2L
4-Pair 23 AWG S/FTP CAT6A LSOH IEC 60332-1 Cable Gray	7.0	50	1000m drum	11S6AHA004N-GY2L
2x(4-Pair 23 AWG S/FTP) CAT6A PVC IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	100	500m drum	11S6AVA008F-GY2K
2x(4-Pair 23 AWG S/FTP) CAT6A LSOH IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	100	500m drum	11S6AHA008F-GY2K

AT&T CopperLine Category 6A

U/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair U/FTP flexible cables

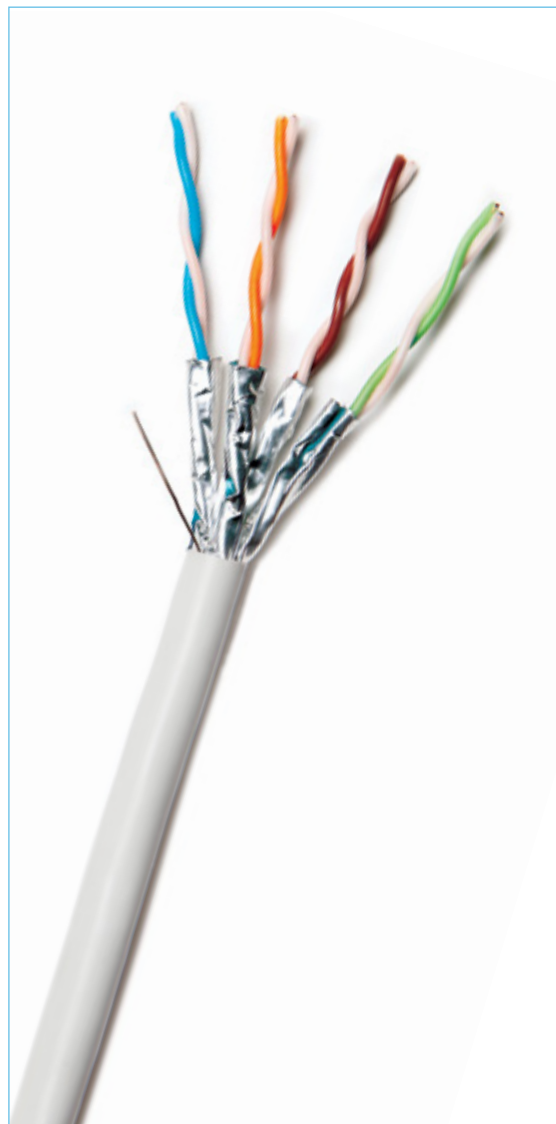
Frequency range	1-500 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper stranded wire
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 6A work area cable according to IEC 61156-6
- Category 6A cord cable according to ANSI/TIA-568-C.2
- 500MHz work area cable according to EN 50288-11-1
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	145 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG U/FTP CAT6A PVC IEC 60332-1 Flexible Cable Gray	6.0	35	500m Drum	12F6AVA004N-GY2K
4-Pair 26 AWG U/FTP CAT6A LSOH IEC 60332-1 Flexible Cable Gray	6.0	35	500m Drum	12F6AHA004N-GY2K
4-Pair 26 AWG U/FTP CAT6A PVC IEC 60332-1 Flexible Cable Gray	6.0	35	1000m Drum	12F6AVA004N-GY2L
4-Pair 26 AWG U/FTP CAT6A LSOH IEC 60332-1 Flexible Cable Gray	6.0	35	1000m Drum	12F6AHA004N-GY2L

AT&T CopperLine Category 6A

S/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair S/FTP flexible cables

Frequency range	1-500 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 6A work area cable according to IEC 61156-6
- Category 6A cord cable according to ANSI/TIA-568-C.2
- 500MHz work area cable according to EN 50288-11-1
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	145 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG S/FTP CAT6A PVC IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S6AVA004N-GY2K
4-Pair 26 AWG S/FTP CAT6A LS0H IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S6AHA004N-GY2K
4-Pair 26 AWG S/FTP CAT6A PVC IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S6AVA004N-GY2L
4-Pair 26 AWG S/FTP CAT6A LS0H IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S6AHA004N-GY2L

AT&T CopperLine Category 6A

Unshielded RJ45 Punch-Down Keystone Jacks

Description

8P8C unshielded RJ45 punch-down keystone jacks

Frequency range	1-500 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield	None
Housing	High impact FR compound
Standard color	White/Black (other colors available)

- 500MHz unshielded connectors according to IEC 60603-7-41
- 500MHz unshielded connectors according to EN 60603-7-41
- Category 6A connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool

Straight jacks are compatible with 24-port & 48-port 1U panels

Angled jacks are compatible only with 24-port 2-row 1U panels



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Unshielded CAT6A PD 180° Keystone Jack	White/Black	Straight	1/Bag 96/Box	15A6ANV008A-WK61
8P8C RJ45 Unshielded CAT6A PD 180° Keystone Jack	White/Black	Angled	1/Bag 60/Box	15A6ANV008B-WK61

AT&T CopperLine Category 6A

Shielded RJ45 Punch-Down Keystone Jacks

Description

8P8C shielded RJ45 punch-down keystone jacks

Frequency range	1-500 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 500MHz shielded connectors according to IEC 60603-7-51
- 500MHz shielded connectors according to EN 60603-7-51
- Category 6A connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	110 IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Recommended punch-down tool	AT&T MultiPunch 4-pair hand-tool

Straight jacks are compatible with 24-port & 48-port 1U panels



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT6A PD 180° Keystone Jack	Metal/Black	Straight	1/Bag 60/Box	15C6ANV008A-MK61
8P8C RJ45 Shielded CAT6A PD 180° Keystone Jack	Metal/Black	Angled	1/Bag 60/Box	15C6ANV008B-MK61

AT&T CopperLine Category 6A

Shielded RJ45 Tool-Less Keystone Jacks

Description

8P8C shielded RJ45 tool-less keystone jacks

Frequency range	1-500 MHz
Compatible conductors	22-26 AWG Solid or stranded
Pin-pair assignment	T568A & T568B (Universal)
Contacts	50μ-Inch Gold plating
Shield	Die-cast metal case
Housing	High impact FR compound

Standard & EU Directives Conformance

- 500MHz shielded connectors according to IEC 60603-7-51
- 500MHz shielded connectors according to EN 60603-7-51
- Category 6A connecting hardware acc. to ANSI/TIA-568-C.2
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Orientation	180°
Termination blocks	TL IDC
Insertion/withdrawal	750 cycles
Cable re-termination	20 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Ampacity	1.5 A max.
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	75 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc
Angled jacks are compatible only with 24-port 2-row 1U panels	



Ordering Information

Description	Color	Form	Packaging	P/N
8P8C RJ45 Shielded CAT6A TL 180° Keystone Jack	Metal/Black	Angled	1/Bag 60/Box	15D6ANV008B-MK61

AT&T CopperLine Category 6A

Unshielded 100 Ohm RJ45 Modular Cords

Description

Unshielded RJ45/RJ45 modular cords

Frequency range	1-500 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6A modular cords according to ISO/IEC 11801
- Category 6A modular cords according to EN 50173
- Category 6A modular cords according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LSOH Modular Cord	0.5	Gray	Black	1/Bag	14M6AHA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LSOH Modular Cord	1.0	Gray	Black	1/Bag	14M6AHA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LSOH Modular Cord	2.0	Gray	Black	1/Bag	14M6AHA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LSOH Modular Cord	3.0	Gray	Black	1/Bag	14M6AHA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LSOH Modular Cord	5.0	Gray	Black	1/Bag	14M6AHA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded CAT6A LSOH Modular Cord	10	Gray	Black	1/Bag	14M6AHA100A-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded Assembly Type CAT6A LSOH Modular Cord	0.5	Gray	Black	1/Bag	14M6AHA005B-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded Assembly Type CAT6A LSOH Modular Cord	1.0	Gray	Black	1/Bag	14M6AHA010B-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded Assembly Type CAT6A LSOH Modular Cord	2.0	Gray	Black	1/Bag	14M6AHA020B-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded Assembly Type CAT6A LSOH Modular Cord	3.0	Gray	Black	1/Bag	14M6AHA030B-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded Assembly Type CAT6A LSOH Modular Cord	5.0	Gray	Black	1/Bag	14M6AHA050B-GY61
4-Pair 26 AWG RJ45/RJ45 Unshielded Assembly Type CAT6A LSOH Modular Cord	10	Gray	Black	1/Bag	14M6AHA100B-GY61

AT&T CopperLine Category 6A

Shielded 100 Ohm RJ45 Modular Cords

Description

Shielded RJ45/RJ45 S/FTP modular cords

Frequency range	1-500 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)

Standard & EU Directives Conformance

- Category 6A modular cords according to ISO/IEC 11801
- Category 6A modular cords according to EN 50173
- Category 6A modular cords according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug shield	Corrosion resistant metal
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	0.5	Gray	Black	1/Bag	14S6AHA005A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	1.0	Gray	Black	1/Bag	14S6AHA010A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	2.0	Gray	Black	1/Bag	14S6AHA020A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	3.0	Gray	Black	1/Bag	14S6AHA030A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	5.0	Gray	Black	1/Bag	14S6AHA050A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded S/FTP CAT6A LSOH Modular Cord	10	Gray	Black	1/Bag	14S6AHA100A-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LSOH Modular Cord	0.5	Gray	Black	1/Bag	14S6AHA005B-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LSOH Modular Cord	1.0	Gray	Black	1/Bag	14S6AHA010B-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LSOH Modular Cord	2.0	Gray	Black	1/Bag	14S6AHA020B-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LSOH Modular Cord	3.0	Gray	Black	1/Bag	14S6AHA030B-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LSOH Modular Cord	5.0	Gray	Black	1/Bag	14S6AHA050B-GY61
4-Pair 26 AWG RJ45/RJ45 Shielded Assembly Type S/FTP CAT6A LSOH Modular Cord	10	Gray	Black	1/Bag	14S6AHA100B-GY61

AT&T CopperLine Category 6A

Unshielded 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Unshielded RJ45 consolidation point cords (plug to jack)	
Frequency range	1-500 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16 mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LSOH
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Standard jack color	White (other colors available)
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31U6AVA050A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31U6AVA100A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31U6AVA150A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31U6AVA200A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31U6AVA250A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31U6AVA300A-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U6AVA050B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U6AVA100B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U6AVA150B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U6AVA200B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U6AVA250B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U6AVA300B-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31U6AHA050A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31U6AHA100A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31U6AHA150A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31U6AHA200A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31U6AHA250A-GY5E
4-Pair 23 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31U6AHA300A-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31U6AHA050B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31U6AHA100B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31U6AHA150B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31U6AHA200B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31U6AHA250B-GY5E
4-Pair 26 AWG RJ45 Unshielded CAT6A LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31U6AHA300B-GY5E

AT&T CopperLine Category 6A

U/FTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cords)

Description

Shielded U/FTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-500 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LSOH
Shield	Individual pair aluminum foil
Drain wire	Single tin-coated copper stranded wire
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31F6AVA050A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31F6AVA100A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31F6AVA150A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31F6AVA200A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31F6AVA250A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31F6AVA300A-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31F6AVA050B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31F6AVA100B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31F6AVA150B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31F6AVA200B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31F6AVA250B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31F6AVA300B-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31F6AHA050A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31F6AHA100A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31F6AHA150A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31F6AHA200A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31F6AHA250A-GY5E
4-Pair 23 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31F6AHA300A-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31F6AHA050B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31F6AHA100B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31F6AHA150B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31F6AHA200B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31F6AHA250B-GY5E
4-Pair 26 AWG RJ45 U/FTP Shielded CAT6A LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31F6AHA300B-GY5E



AT&T CopperLine Category 6A

S/FTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cord)

Description

Shielded S/FTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-500 MHz
Solid conductor	23 AWG solid bare copper
Stranded conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LSOH
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50µ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	5.0	Gray	Black	1/Bag	31S6AVA050A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	10.0	Gray	Black	1/Bag	31S6AVA100A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	15.0	Gray	Black	1/Bag	31S6AVA150A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	20.0	Gray	Black	1/Bag	31S6AVA200A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	25.0	Gray	Black	1/Bag	31S6AVA250A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Solid	30.0	Gray	Black	1/Bag	31S6AVA300A-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	5.0	Gray	Black	1/Bag	31S6AVA050B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	10.0	Gray	Black	1/Bag	31S6AVA100B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	15.0	Gray	Black	1/Bag	31S6AVA150B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	20.0	Gray	Black	1/Bag	31S6AVA200B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	25.0	Gray	Black	1/Bag	31S6AVA250B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A PVC CP Cord	Stranded	30.0	Gray	Black	1/Bag	31S6AVA300B-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Solid	5.0	Gray	Black	1/Bag	31S6AHA050A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Solid	10.0	Gray	Black	1/Bag	31S6AHA100A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Solid	15.0	Gray	Black	1/Bag	31S6AHA150A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Solid	20.0	Gray	Black	1/Bag	31S6AHA200A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Solid	25.0	Gray	Black	1/Bag	31S6AHA250A-GY5E
4-Pair 23 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Solid	30.0	Gray	Black	1/Bag	31S6AHA300A-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Stranded	5.0	Gray	Black	1/Bag	31S6AHA050B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Stranded	10.0	Gray	Black	1/Bag	31S6AHA100B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Stranded	15.0	Gray	Black	1/Bag	31S6AHA150B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Stranded	20.0	Gray	Black	1/Bag	31S6AHA200B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Stranded	25.0	Gray	Black	1/Bag	31S6AHA250B-GY5E
4-Pair 26 AWG RJ45 S/FTP Shielded CAT6A LSOH CP Cord	Stranded	30.0	Gray	Black	1/Bag	31S6AHA300B-GY5E

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AT&T CopperLine Category 6A

S/FTP 100 Ohm RJ45 Consolidation Point Cords (Plug to Jack Extension Cord)

Description

Shielded S/FTP RJ45 consolidation point cords (plug to jack)	
Frequency range	1-500 MHz
Solid conductor	22 AWG solid bare copper
Basic cable	4-Pair S/FTP CAT7A (tested to 1200MHz)
Insulation	PO
Color code	ANSI/TIA-568-C.2
Jacket	PVC or LS0H
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Standard jacket color	Gray (other colors available)
Standard boot color	Black (other colors available)
Jack color	Metal
Length	5-30m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (plug) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Plug contacts	50μ-Inch Gold plating
Plug housing	FR Polycarbonate
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Conductors	Length m	Jacket Color	Boot Color	Packaging	P/N
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	5.0	Gray	Black	1/Bag	31S6AHA050D-GY5E
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	10.0	Gray	Black	1/Bag	31S6AHA100D-GY5E
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	15.0	Gray	Black	1/Bag	31S6AHA150D-GY5E
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	20.0	Gray	Black	1/Bag	31S6AHA200D-GY5E
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	25.0	Gray	Black	1/Bag	31S6AHA250D-GY5E
4-Pair 22 AWG RJ45 S/FTP Shielded CAT6A LS0H CP Cord	Solid	30.0	Gray	Black	1/Bag	31S6AHA300D-GY5E

AT&T CopperLine Category 6A

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port unshielded RJ45 pre-terminated cassettes in 24-Port panel	
Frequency range	1-500 MHz
Cassette contents	6 unshielded CAT6A RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	23 AWG solid bare copper
Insulation	PO
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LSOH black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Unshielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13U00NV024P-BK51
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32U6AHA100C-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32U6AHA200C-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32U6AHA300C-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32U6AHA400C-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32U6AHA500C-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jacks	1/Bag	32U6AHA100R-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jacks	1/Bag	32U6AHA200R-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jacks	1/Bag	32U6AHA300R-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jacks	1/Bag	32U6AHA400R-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jacks	1/Bag	32U6AHA500R-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32U6AHA050L-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32U6AHA100L-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32U6AHA150L-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32U6AHA200L-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32U6AHA250L-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32U6AHA100E-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32U6AHA200E-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32U6AHA300E-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32U6AHA400E-BK61
6-Port Unshielded CAT6A Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32U6AHA500E-BK61



AT&T CopperLine Category 6A

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cassettes

Description

6-Port shielded RJ45 S/FTP pre-terminated cassettes in 24-Port panel

Frequency range	1-500 MHz
Cassette contents	6 shielded CAT6A RJ45 jacks
Panel formation	4 cassettes in 1U
Panel and cassette color	Black (other colors available)
Cable bundles	
Conductor	23 AWG solid bare copper
Insulation	PO
Individual shield	Aluminum foil
Drain wire	None
Overall shield	Tin-coated copper braid
Jacket	LSOH
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6 in each cassette
Bundle jacket	LSOH black polyester braid secured with shrink-tubes
Length	5-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials)

flame tests

- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50µ-Inch Gold plating
Jacks housing	High impact FR compound
Jack shield	Die-cast metal case
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Bundle Length m	Remote Termination	Packaging	P/N
24-Port Shielded Blank 19" Panel for 4 Pre-Terminated Cassettes	N/A	N/A	1/Box	13S00NV024P-BK51
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Cassette	10	RJ45 Cassette	1/Bag	32S6AHA100C-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Cassette	20	RJ45 Cassette	1/Bag	32S6AHA200C-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Cassette	30	RJ45 Cassette	1/Bag	32S6AHA300C-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Cassette	40	RJ45 Cassette	1/Bag	32S6AHA400C-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Cassette	50	RJ45 Cassette	1/Bag	32S6AHA500C-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Jacks	10	6 RJ45 Jacks	1/Bag	32S6AHA100R-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Jacks	20	6 RJ45 Jacks	1/Bag	32S6AHA200R-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Jacks	30	6 RJ45 Jacks	1/Bag	32S6AHA300R-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Jacks	40	6 RJ45 Jacks	1/Bag	32S6AHA400R-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Jacks	50	6 RJ45 Jacks	1/Bag	32S6AHA500R-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Plugs	5	6 RJ45 Plugs	1/Bag	32S6AHA050L-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Plugs	10	6 RJ45 Plugs	1/Bag	32S6AHA100L-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Plugs	15	6 RJ45 Plugs	1/Bag	32S6AHA150L-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Plugs	20	6 RJ45 Plugs	1/Bag	32S6AHA200L-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Plugs	25	6 RJ45 Plugs	1/Bag	32S6AHA250L-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Open	10	None	1/Bag	32S6AHA100E-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Open	20	None	1/Bag	32S6AHA200E-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Open	30	None	1/Bag	32S6AHA300E-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Open	40	None	1/Bag	32S6AHA400E-BK61
6-Port Shielded S/FTP CAT6A Plug & Play RJ45 Cassette to Open	50	None	1/Bag	32S6AHA500E-BK61



AT&T CopperLine Category 6A

Unshielded 100 Ohm RJ45 Plug & Play Pre-Terminated Cable Bundles

Description

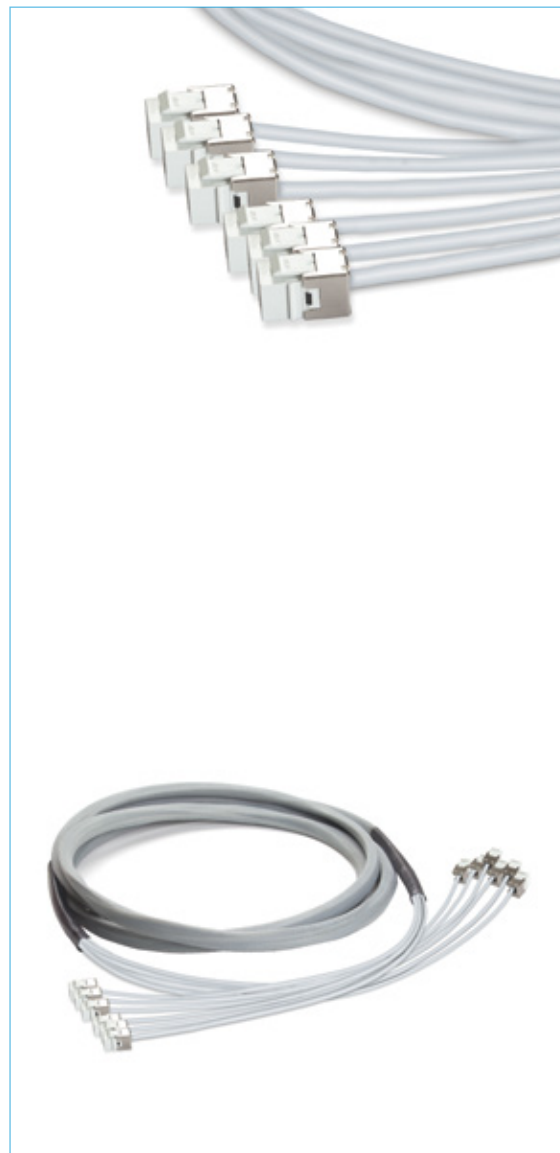
6-Port unshielded R45/RJ45 pre-terminated cable bundles	
Frequency range	1-500 MHz
Termination	Unshielded CAT6A RJ45 jacks
Conductor	23 AWG solid bare copper
Insulation	PO
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials) flame tests
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks color	White/Black (other colors available)
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc



Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33U6AVA100R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33U6AVA200R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33U6AVA300R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33U6AVA400R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33U6AVA500R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33U6AHA100R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33U6AHA200R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33U6AHA300R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33U6AHA400R-GY51
6-Port Unshielded CAT6A Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33U6AHA500R-GY51

AT&T CopperLine Category 6A

Shielded 100 Ohm RJ45 Plug & Play Pre-Terminated Bundles

Description

6-Port Shielded S/FTP R45/RJ45 pre-terminated cable bundles	
Frequency range	1-500 MHz
Termination	Shielded CAT6A RJ45 jacks
Conductor	23 AWG solid bare copper
Insulation	PO
Individual shield	Aluminum foil
Drain wire	None
Overall shield	Tin-coated copper braid
Jacket	PVC or LS0H
Standard jacket color	Gray (other colors available)
Number of 4-pair cables	6
Bundle jacket	LS0H black polyester braid secured with shrink-tubes
Length	10-50m (other lengths available)

Standard & EU Directives Conformance

- Category 6A according to ISO/IEC 11801
- Category 6A according to EN 50173
- Category 6A according to ANSI/TIA-568-C.2
- IEC 60332-1 (cable) and UL94 V-0 (construction materials)

flame tests

- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Impedance	100 Ohm nom.
Pin-pair assignment	T568B
Jacks contacts	50μ-Inch Gold plating
Jacks housing	High impact FR compound
Jacks shield	Die-cast metal case
Jacks color	Metal/Black (other colors available)
Operating temperature	-20 to +60C
Voltage rating	75 Vdc max.
Ampacity	1.0 Ampere max.
Insulation resistance	500 MegaOhm min. @500 Vdc

Ordering Information

Description	Bundle Length m	Jacket Type	Jacks	Packaging	P/N
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	10	PVC	RJ45	1/Box	33S6AVA100R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	20	PVC	RJ45	1/Box	33S6AVA200R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	30	PVC	RJ45	1/Box	33S6AVA300R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	40	PVC	RJ45	1/Box	33S6AVA400R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	50	PVC	RJ45	1/Box	33S6AVA500R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	10	LS0H	RJ45	1/Box	33S6AHA100R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	20	LS0H	RJ45	1/Box	33S6AHA200R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	30	LS0H	RJ45	1/Box	33S6AHA300R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	40	LS0H	RJ45	1/Box	33S6AHA400R-GY51
6-Port Shielded S/FTP CAT6A Plug & Play Pre-Terminated Bundle	50	LS0H	RJ45	1/Box	33S6AHA500R-GY51



AT&T CopperLine Category 7

S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables	
Operation frequency range	1-600 MHz
Testing frequency range	1-1000 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LS0H

Standard & EU Directives Conformance

- Category 7 cable according to IEC 61156-5
- 600MHz cable according to EN 50288-4-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LS0H cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU CPR 305/2011/EC B2ca s1 d0 classification upon request

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT7 PVC IEC 60332-1 Cable Gray	7.0	50	500m drum	11S07VA004N-GY2K
4-Pair 23 AWG S/FTP CAT7 LS0H IEC 60332-1 Cable Gray	7.0	50	500m drum	11S07HA004N-GY2K
4-Pair 23 AWG S/FTP CAT7 PVC IEC 60332-1 Cable Gray	7.0	50	1000m drum	11S07VA004N-GY2L
4-Pair 23 AWG S/FTP CAT7 LS0H IEC 60332-1 Cable Gray	7.0	50	1000m drum	11S07HA004N-GY2L
2x(4-Pair 23 AWG S/FTP) CAT7 PVC IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	100	500m drum	11S07VA008F-GY2K
2x(4-Pair 23 AWG S/FTP) CAT7 LS0H IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	100	500m drum	11S07HA008F-GY2K

AT&T CopperLine Category 7

S/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair S/FTP flexible cables

Frequency range	1-600 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 7 work area cable according to IEC 61156-6
- 600MHz work area cable according to EN 50288-4-2
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	145 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG S/FTP CAT7 PVC IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S07VA004N-GY2K
4-Pair 26 AWG S/FTP CAT7 LSOH IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S07HA004N-GY2K
4-Pair 26 AWG S/FTP CAT7 PVC IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S07VA004N-GY2L
4-Pair 26 AWG S/FTP CAT7 LSOH IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S07HA004N-GY2L

AT&T CopperLine Category 7A

S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables	
Operation frequency range	1-1000 MHz
Testing frequency range	1-1200 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	LSOH

Standard & EU Directives Conformance

- Category 7A cable according to IEC 61156-5
- 1000MHz cable according to EN 50288-11
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)
- EN 13501-6 B2ca-s1,d0,a1 upon request

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	77 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 23 AWG S/FTP CAT7A LSOH IEC 60332-1 Cable Gray	7.2	55	500m drum	11S7AHAK04N-GY2K
4-Pair 23 AWG S/FTP CAT7A LSOH IEC 60332-3-24 Cable Gray	7.5	60	500m drum	11S7AHCK04N-GY2K
4-Pair 23 AWG S/FTP CAT7A LSOH IEC 60332-1 Cable Gray	7.2	55	1000m drum	11S7AHAK04N-GY2L
4-Pair 23 AWG S/FTP CAT7A LSOH IEC 60332-3-24 Cable Gray	7.5	60	1000m drum	11S7AHCK04N-GY2L
2x(4-Pair 23 AWG S/FTP) CAT7A LSOH IEC 60332-1 FIG-8 Cable Gray	7.2x14.4	110	500m drum	11S7AHAK08N-GY2K
2x(4-Pair 23 AWG S/FTP) CAT7A LSOH IEC 60332-3-24 FIG-8 Cable Gray	7.5x15.0	120	500m drum	11S7AHCK08N-GY2K

AT&T CopperLine Category 7A

S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables	
Operation frequency range	1-1000 MHz
Testing frequency range	1-1200 MHz
Conductor	22 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	LSOH

Standard & EU Directives Conformance

- Category 7A cable according to IEC 61156-5
- 1000MHz cable according to EN 50288-11
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)
- EN 13501-6 B2ca-s1,d0,a1 upon request

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	62 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 22 AWG S/FTP CAT7A LSOH IEC 60332-1 Cable Gray	7.6	61	500m drum	11S7AHA004N-GY2K
4-Pair 22 AWG S/FTP CAT7A LSOH IEC 60332-3-24 Cable Gray	7.9	67	500m drum	11S7AHC004N-GY2K
4-Pair 22 AWG S/FTP CAT7A LSOH IEC 60332-1 Cable Gray	7.6	61	1000m drum	11S7AHA004N-GY2L
4-Pair 22 AWG S/FTP CAT7A LSOH IEC 60332-3-24 Cable Gray	7.9	67	1000m drum	11S7AHC004N-GY2L
2x(4-Pair 22 AWG S/FTP) CAT7A LSOH IEC 60332-1 FIG-8 Cable Gray	7.6x15.2	122	500m drum	11S7AHA008N-GY2K
2x(4-Pair 22 AWG S/FTP) CAT7A LSOH IEC 60332-3-24 FIG-8 Cable Gray	7.9x16.0	134	500m drum	11S7AHC008N-GY2K

AT&T CopperLine Category 7A

S/FTP 100 Ohm Indoor Flexible LAN Cables

Description

4 pair S/FTP flexible cables

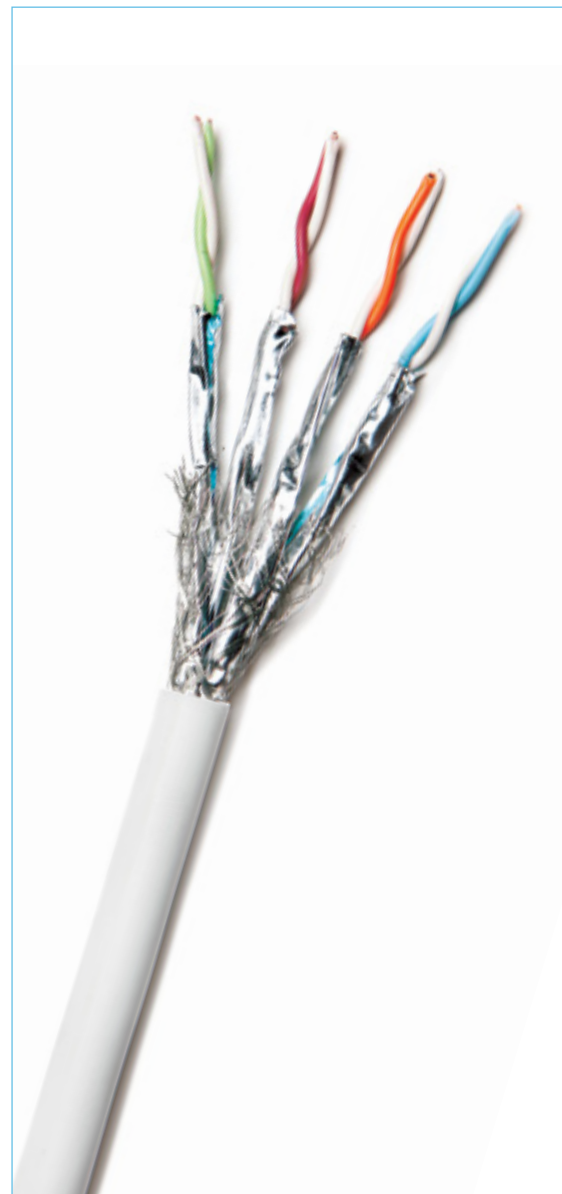
Frequency range	1-1000 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- Category 7A work area cable according to IEC 61156-6
- 1000MHz work area cable according to EN 50288-12
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	145 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG S/FTP CAT7A PVC IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S7AVA004N-GY2K
4-Pair 26 AWG S/FTP CAT7A LSOH IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S7AHA004N-GY2K
4-Pair 26 AWG S/FTP CAT7A PVC IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S7AVA004N-GY2L
4-Pair 26 AWG S/FTP CAT7A LSOH IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S7AHA004N-GY2L

AT&T CopperLine 1200MHz

S/FTP 100 Ohm Indoor SOHO Cables

Description

4 & 8 pair S/FTP cables	
Operation frequency range	1-1200 MHz
Testing frequency range	1-1500 MHz
Conductor	22 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- 1200MHz cable according to IEC 61156-7
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)
- EU CPR 305/2011/EC B2ca s1 d0 classification upon request

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	65 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 22 AWG S/FTP 1200MHz PVC IEC 60332-1 Cable Gray	8.0	65	500m drum	11S12VA004N-GY2K
4-Pair 22 AWG S/FTP 1200MHz LSOH IEC 60332-1 Cable Gray	8.0	65	500m drum	11S12HA004N-GY2K
4-Pair 22 AWG S/FTP 1200MHz PVC IEC 60332-1 Cable Gray	8.0	65	1000m drum	11S12VA004N-GY2L
4-Pair 22 AWG S/FTP 1200MHz LSOH IEC 60332-1 Cable Gray	8.0	65	1000m drum	11S12HA004N-GY2L
2x(4-Pair 22 AWG S/FTP) 1200MHz PVC IEC 60332-1 FIG-8 Cable Gray	8.0x16.0	130	500m drum	11S12VA008F-GY2K
2x(4-Pair 22 AWG S/FTP) 1200MHz LSOH IEC 60332-1 FIG-8 Cable Gray	8.0x16.0	130	500m drum	11S12HA008F-GY2K

AT&T CopperLine 1200MHz

S/FTP 100 Ohm Indoor Flexible Cables

Description

4 pair S/FTP flexible cables

Frequency range	1-1200 MHz
Conductor	26 AWG 7x0.16mm stranded bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Individual shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	PVC or LSOH

Standard & EU Directives Conformance

- 1200MHz work area cable according to IEC 61156-8
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	145 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	80% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 26 AWG S/FTP 1200MHz PVC IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S12VA004N-GY2K
4-Pair 26 AWG S/FTP 1200MHz LSOH IEC 60332-1 Flexible Cable Gray	6.2	42	500m Drum	12S12HA004N-GY2K
4-Pair 26 AWG S/FTP 1200MHz PVC IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S12VA004N-GY2L
4-Pair 26 AWG S/FTP 1200MHz LSOH IEC 60332-1 Flexible Cable Gray	6.2	42	1000m Drum	12S12HA004N-GY2L

AT&T CopperLine Category 8

S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair S/FTP cables	
Operation frequency range	1-2000 MHz
Testing frequency range	1-2000 MHz
Conductor	22 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (solid colors)
Individual pair shield	Aluminum foil
Overall shield	Tin-coated copper braid
Drain wire	Per request
Jacket	LSOH

Standard & EU Directives Conformance

- Category 8.2 cable according to IEC 61156-9
- Category 8 according to ANSI/TIA-568-C.2-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)
- EN 13501-6 B2ca-s1,d0,a1 upon request

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	62 Ohm/km max.
Capacitance	56 max. pF/m @ 1kHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.



Ordering Information

Description	OD mm	Weight kg/km	Packaging	P/N
4-Pair 22 AWG S/FTP CAT8 LSOH IEC 60332-1 Cable Gray	8.0	74	500m drum	11S08HA004N-GY2K
4-Pair 22 AWG S/FTP CAT8 LSOH IEC 60332-3-24 Cable Gray	8.5	83	500m drum	11S08HC004N-GY2K
4-Pair 22 AWG S/FTP CAT8 LSOH IEC 60332-1 Cable Gray	8.0	74	1000m drum	11S08HA004N-GY2L
4-Pair 22 AWG S/FTP CAT8 LSOH IEC 60332-3-24 Cable Gray	8.5	83	1000m drum	11S08HC004N-GY2L
2x(4-Pair 22 AWG S/FTP) CAT8 LSOH IEC 60332-1 FIG-8 Cable Gray	8.0x16.0	150	500m drum	11S08HA008N-GY2K
2x(4-Pair 22 AWG S/FTP) CAT8 LSOH IEC 60332-3-24 FIG-8 Cable Gray	8.5x17.0	166	500m drum	11S08HC008N-GY2K

AT&T CopperLine Panels

Unshielded Snap-in Blank Patch Panels for Straight Jacks

Description

24 & 48 port unshielded blank 19" panels	
KSJ type compatibility	Unshielded 180° straight RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	24 ports in one row
Front cable organizer	Removable modular rings
Back cable organizer	Folding frame with snap-in cable grips
Shield	None

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Labels with transparent plastic cover
Panel identification	Designated space at the panel front

Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
24 Port Unshielded 19" Snap-in Blank Patch Panel (Straight Jacks)	Steel-Blue	1U	44.4x483	1/Box	13U00NV024A-SB1U
48 Port Unshielded 19" Snap-in Blank Patch Panel (Straight Jacks)	Steel-Blue	2U	89.0x483	1/Box	13U00NV048A-SB2U



AT&T CopperLine Panels

Unshielded Snap-in Blank Patch Panels for Angled Jacks

Description

24 port unshielded blank 19" panels

KSJ type compatibility	Unshielded 180° angled RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	24 ports in two rows (1U)
Front cable organizer	None
Back cable organizer	Folding frame with snap-in cable grips
Shield	None

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Designated space next to each port
Panel identification	Designated space at the panel front



Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
24 Port Unshielded 19" Snap-in Blank Patch Panel (Angled Jacks)	Black	1U	44.4x483	1/Box	13U00NV024B-BK1U

AT&T CopperLine Panels

Unshielded Snap-in Blank High-Density Patch Panels

Description

48 port unshielded high-density blank 19" panels	
KSJ type compatibility	Unshielded 180° straight RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	48 ports in two rows (1U)
Front cable organizer	None
Back cable organizer	Rigid frame
Shield	None

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Printed numbers (1-48)
Panel identification	Designated space at the panel front



Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
48 Port Unshielded 19" Snap-in Blank High Density Patch Panel	Black	1U	44.4x483	1/Box	13U00NV048C-BK1U

AT&T CopperLine Panels

Unshielded Snap-in Blank Staggered Patch Panels

Description

24 port unshielded staggered blank 19" panels

KSJ type compatibility	Unshielded 180° straight RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	24 ports in two rows (1U)
Front cable organizer	None
Back cable organizer	Folding frame with snap-in cable grips
Shield	None

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Printed numbers (1-24) and designated spaces
Panel identification	Designated space at the panel front



Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
24 Port Unshielded 19" Snap-in Blank Staggered Patch Panel	Black	1U	44.4x483	1/Box	13U00NV024D-BK1U

AT&T CopperLine Panels

Shielded Snap-in Blank Patch Panels for Straight Jacks

Description

24 & 48 port shielded blank 19" panels	
KSJ type compatibility	Shielded or unshielded 180° straight RJ45 jacks
Category Compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	24 ports in one row
Front cable organizer	Removable modular rings
Back cable organizer	Folding frame with snap-in cable grips
Shield	All shielded jacks grounded through the panel

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Labels with transparent plastic cover
Panel identification	Designated space at the panel front

Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
24 Port Shielded 19" Snap-in Blank Patch Panel (Straight Jacks)	Steel-Blue	1U	44.4x483	1/Box	13S00NV024A-SB1U
48 Port Shielded 19" Snap-in Blank Patch Panel (Straight Jacks)	Steel-Blue	2U	89.0x483	1/Box	13S00NV048A-SB2U



AT&T CopperLine Panels

Shielded Snap-in Blank Patch Panels for Angled Jacks

Description

24 port shielded blank 19" panels

KSJ type compatibility	Shielded or unshielded 180° angled RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	24 ports in two rows (1U)
Front cable organizer	None
Back cable organizer	Folding frame with snap-in cable grips
Shield	All shielded jacks grounded through the panel

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Designated space next to each port
Panel identification	Designated space at the panel front



Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
24 Port Shielded 19" Snap-in Blank Patch Panel (Angled Jacks)	Metal	1U	44.4x483	1/Box	13S00NV024B-MT1U

AT&T CopperLine Panels

Shielded Snap-in Blank High-Density Patch Panels

Description

48 port shielded high-density blank 19" panels	
KSJ type compatibility	Shielded or unshielded 180° straight RJ45 jacks
Category compatibility	CAT5e CAT6 CAT6A
KSJ insertion method	Back loading
Formation	48 ports in two rows (1U)
Front cable organizer	None
Back cable organizer	Rigid frame
Shield	All shielded jacks grounded through the panel

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Galvanized corrosion resistant steel
Paint	Powder paint finish
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C
Plastic parts	High-impact flame retardant materials
Port identification	Printed numbers (1-48)
Panel identification	Designated space at the panel front



Ordering Information

Description	Color	Units	Size mm	Packaging	P/N
48 Port Shielded 19" Snap-in Blank High Density Patch Panel	Metal	1U	44.4x483	1/Box	13S00NV048C-MT1U

AT&T CopperLine Outlets

French Style Faceplates

Description

1-2 port French Style faceplates	
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White (other colors available)
KSJ insertion method	Back loading

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C



Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
French Style Back Box	White	N/A	86x86x45	None	1/Bag	16F00NV000A-WT61
French Style Faceplate with 45x45mm Opening	White	N/A	86x86x15	None	1/Bag	16F00NV000B-WT61
French Style Single-Port Flat Full-Size Module	White	1	45x45	Station ID	1/Bag	16F00NV001A-WT61
French Style Double-Port Flat Full-Size Module	White	2	45x45	Station ID	1/Bag	16F00NV002A-WT61
French Style Single-Port Angled Full-Size Module	White	1	45x45	Station ID	1/Bag	16F00NV001B-WT61
French Style Double-Port Angled Full-Size Module	White	2	45x45	Station ID	1/Bag	16F00NV002B-WT61
French Style Single-Port Flat Half-Size Module	White	1	22.5x45	Station ID	1/Bag	16F00NV001C-WT61
French Style Single-Port Angled Half-Size Module	White	1	22.5x45	Station ID	1/Bag	16F00NV001D-WT61
French Style Blank Flat Half-Size Module	White	0	22.5x45	Station ID	1/Bag	16F00NV000E-WT61

AT&T CopperLine Outlets

UK Style Faceplates

Description

1-4 port UK Style faceplates	
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White (other colors available)
KSJ insertion method	Back loading

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C



Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
UK Style Standard Back Box	White	N/A	87x87x38	None	1/Bag	16U00NV000A-WT61
UK Style Double Back Box	White	N/A	147x87x38	None	1/Bag	16U00NV000B-WT61
UK Style Faceplate with 50x50mm Opening	White	N/A	86x86x15	None	1/Bag	16U00NV000C-WT61
UK Style Faceplate with 100x50mm Opening	White	N/A	145x86x15	None	1/Bag	16U00NV000D-WT61
UK Style Single-Port Flat Half-Size Module	White	1	50x25	Station ID	1/Bag	16U00NV001A-WT61
UK Style Single-Port Angled Half-Size Module	White	1	50x25	Station ID	1/Bag	16U00NV001B-WT61
UK Style Blank Flat Full-Size Module	White	0	50x50	None	1/Bag	16U00NV000E-WT61
UK Style Blank Flat Half-Size Module	White	0	50x25	None	1/Bag	16U00NV000F-WT61
UK Style Blank Flat Quarter-Size Module	White	0	50x12.5	None	1/Bag	16U00NV000G-WT61

AT&T CopperLine Outlets

LJ6C (UK) Style Faceplates

Description

1-4 port LJ6C Style faceplates	
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White (other colors available)
KSJ insertion method	Back loading

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C



Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
LJ6C Style Standard Shallow Back Box	White	N/A	87x87x28	None	1/Bag	16L00NV000A-WT61
LJ6C Style Standard Deep Back Box	White	N/A	87x87x42	None	1/Bag	16L00NV000B-WT61
LJ6C Style Wide Shallow Back Box	White	N/A	147x87x28	None	1/Bag	16L00NV000C-WT61
LJ6C Style Wide Deep Back Box	White	N/A	147x87x42	None	1/Bag	16L00NV000D-WT61
LJ6C Style Standard Faceplate for A Single Module	White	N/A	86x86x9	None	1/Bag	16L00NV000E-WT61
LJ6C Style Standard Faceplate for Two Modules	White	N/A	86x86x9	None	1/Bag	16L00NV000F-WT61
LJ6C Style Wide Faceplate for Four Modules	White	N/A	146x86x9	None	1/Bag	16L00NV000G-WT61
LJ6C Style Flat Module	White	1	38x25	Station ID	1/Bag	16L00NV001A-WT61
LJ6C Style Angled Module	White	1	38x25	Station ID	1/Bag	16L00NV001B-WT61
LJ6C Style Blank Flat Module	White	0	38x25	None	1/Bag	16L00NV000H-WT61

AT&T CopperLine Outlets

US Style Faceplates

Description

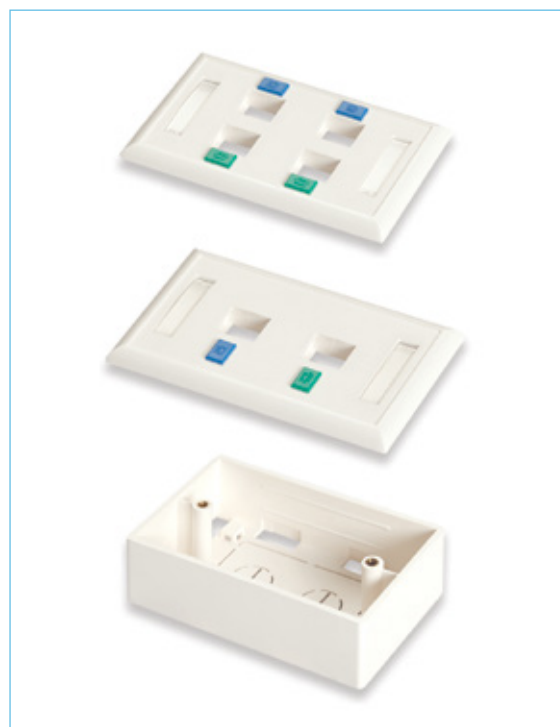
1-6 port US Style faceplates	
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Optional
Color	White (other colors available)
KSJ insertion method	Back loading

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C



Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
US Style Back Box	White	N/A	115x72x38	None	1/Bag	16A00NV000A-WT61
US Style Faceplate, Single Port, No Shutter	White	1	113x70	Station ID	1/Bag	16A00NV001A-WT61
US Style Faceplate, Two Ports, No Shutter	White	2	113x70	Station ID	1/Bag	16A00NV002A-WT61
US Style Faceplate, Three Ports, No Shutter	White	3	113x70	Station ID	1/Bag	16A00NV003A-WT61
US Style Faceplate, Four Ports, No Shutter	White	4	113x70	Station ID	1/Bag	16A00NV004A-WT61
US Style Faceplate, Six Ports, No Shutter	White	6	113x70	Station ID	1/Bag	16A00NV006A-WT61
US Style Faceplate, Single Port, with Shutter	White	1	113x70	None	1/Bag	16A00NV001B-WT61
US Style Faceplate, Two Ports, with Shutter	White	2	113x70	None	1/Bag	16A00NV002B-WT61
US Style Faceplate, Four Ports, with Shutter	White	4	113x70	None	1/Bag	16A00NV004B-WT61

AT&T CopperLine Outlets

Surface Mount Boxes

Description

1-4 port surface mount boxes	
Jack compatibility	Shielded or unshielded RJ45 keystone jacks
Category compatibility	CAT5e CAT6 CAT6A
Mount type	Wall or ducts
Shuttered	Yes
Color	White (other colors available)
KSJ insertion method	Back loading (inside the box)

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Material of construction	High-impact flame retardant materials
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Storage temperature	-20 to +80C



Ordering Information

Description	Color	Ports	Size mm	Labeling	Packaging	P/N
Single Port Surface Mount Box	White	1	46x65x30.5	Station ID	1/Bag	16S00NV001A-WT61
Two Port Surface Mount Box	White	2	68x65x30.5	Station ID	1/Bag	16S00NV002A-WT61
Four Port Surface Mount Box	White	4	118x85.2x30.5	Station ID	1/Bag	16S00NV004A-WT61

AT&T CopperLine Accessories

Punch-Down Tools

Description

Single-Pair punch-down tool and blade

Application	Punch-down and cut one wire in one action
Tool compatibility	All AT&T CopperLine punch-down jacks
Blade compatibility	All AT&T CopperLine punch-down jacks
Color	Blue-yellow



Ordering Information

Description	Jack Type	Wires	Cutter	Packaging	P/N
Single-Wire Punch-Down Tool	RJ45	1	Included	1/Box	511NANN002A-BY51
Blade for Single-Wire Punch-Down Tool	RJ45	1	NA	1/Box	511NANN002B-BY51

AT&T CopperLine Accessories

Punch-Down Tools

Description

4-Pair MultiPunch tool and blade

Application	Punch-down and cut 8 wires in one action
Tool compatibility	All AT&T CopperLine punch-down jacks
Blade compatibility	All AT&T CopperLine punch-down jacks
Color	Yellow

Features

- Enables faster and more accurate LAN cable termination
- Minimizes damage to the jacks
- One blade fits all AT&T CopperLine punch-down jacks
- All 8 wires are terminated and cut in one operation



Ordering Information

Description	Jack Type	Pairs	Wires	Cutter	Packaging	P/N
AT&T MultiPunch 4-Pair Punch-Down Tool	RJ45	4	8	Included	1/Box	511NANN008A-YL51
Blade for AT&T MultiPunch tool	RJ45	4	8	Included	1/Box	511NANN008B-YL51

AT&T CopperLine Accessories

Duct Type Cable Management Solutions

Description

Rack-mount duct-type 19" horizontal cable managers	
Construction material	UV stabilized ABS
Position	Front or rear cable support
Cover	Included, removable
Color	Black
Size options	1U or 2U
Depth options	Available

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Construction	Solid and durable ABS mold
Cable retainers	Available in most types
Operating temperature	-20 to +60C at 5-95% RH (non condensing)



Ordering Information

Description	Retainers	Units	Height mm	Width mm	Depth mm	Packaging	P/N
Rack-Mount Duct-Type 19" Horizontal Cable Manager	None	1U	44.45	482.6	75.27	1/Box	521NANN075A-BK1U
Rack-Mount Duct-Type 19" Horizontal Cable Manager	Available	1U	44.3	482	162.83	1/Box	521NANN162B-BK1U
Rack-Mount Duct-Type 19" Horizontal Cable Manager	Available	2U	88.8	484.84	107.03	1/Box	521NANN107B-BK2U
Rack-Mount Duct-Type 19" Horizontal Cable Manager	Available	2U	88.8	484.74	171.62	1/Box	521NANN171B-BK2U

AT&T CopperLine Accessories

Ring Type Cable Management Solutions

Description

Rack-mount ring-type 19" horizontal cable managers	
Construction material	UV stabilized ABS
Position	Front or rear cable support
Cover	Included, removable
Color	Black
Size options	1U
Depth options	Single

Standard & EU Directives Conformance

- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Construction	Solid and durable ABS mold
Cable retainers	None
Operating temperature	-20 to +60C at 5-95% RH (non condensing)



Description	Retainers	Units	Height mm	Width mm	Depth mm	Packaging	P/N
Rack-Mount Ring-Type 19" Horizontal Cable Manager	None	1U	44.45	482.60	65.00	1/Box	521NANN065C-BK1U



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