

AT&T CopperLine Category 6A S/FTP 100 Ohm Horizontal Indoor LAN Cables

Description

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|-------------------------|--|
| 4 & 8 pair S/FTP cables | |
| Frequency range | 1-500 MHz |
| Conductor | 23 AWG Solid bare copper |
| Insulation | PO |
| Color code | Modified ANSI/TIA-568.2-D (solid colors) |
| Individual pair shield | Aluminum foil |
| Overall shield | Tin-coated copper braid |
| Drain wire | Per request |
| Jacket | LS0H |

Standards, EU Directives and Regulations Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568.2-D
- 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)
- EU Regulation 305/2011 (CPR):
Various classifications available 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 | 72 Vdc max. |
| Velocity of propagation (NVP) | 78% nom. |



Ordering Information

| Description | Color | Flame Test | OD mm | Weight kg/km | P/N |
|--|---------------|----------------|----------|--------------|---------------------|
| 4-Pair 23 AWG S/FTP CAT6A LS0H-1 Cable | Gray RAL 9002 | IEC 60332-1 | 7.0 | 50 | 11S6AHA004N-GYxx-yy |
| 4-Pair 23 AWG S/FTP CAT6A LS0H-3 Cable | Gray RAL 9002 | IEC 60332-3-24 | 7.3 | 54 | 11S6AHC004N-GYxx-yy |
| 8-Pair 23 AWG S/FTP CAT6A LS0H-1 Cable | Gray RAL 9002 | IEC 60332-1 | 7.0x14.0 | 100 | 11S6AHA008N-GYxx-yy |
| 8-Pair 23 AWG S/FTP CAT6A LS0H-3 Cable | Gray RAL 9002 | IEC 60332-3-24 | 7.3x14.6 | 108 | 11S6AHC008N-GYxx-yy |

Packaging options (xx): 2K: 500m Drums. 2L: 1000m Drums. Additional options available upon request.
CPR class options (yy): B1: B2ca. C1: Cca. D1: Dca. E1: Eca. F1: Fca. Sub class information detailed in technical specifications.