

## AT&T CopperLine Category 6

### U/FTP 100 Ohm Horizontal Indoor LAN Cables

#### Description

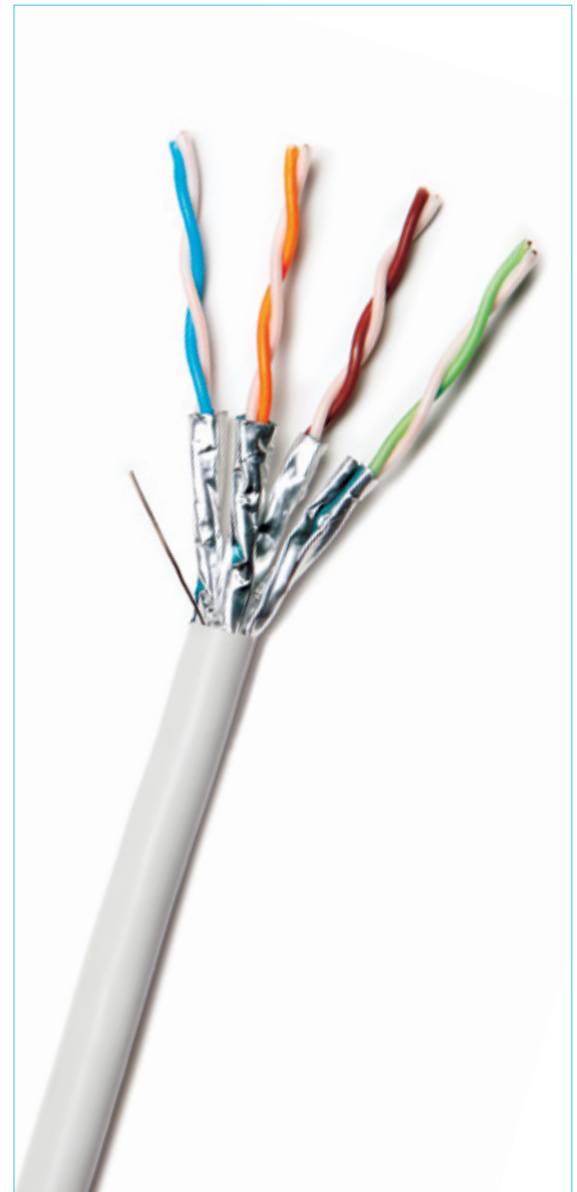
|                         |  |
|-------------------------|--|
| 4 & 8 pair U/FTP cables |  |
| Frequency range         | 1-250 MHz                                |
| Conductor               | 23 AWG Solid bare copper                 |
| Insulation              | PO                                       |
| Color code              | Modified ANSI/TIA-568.2-D (solid colors) |
| Shield                  | Individual pair aluminum foil            |
| Drain wire              | Single tin-coated copper solid wire      |
| Jacket                  | PVC or LS0H                              |

#### Standards, EU Directives and Regulations Conformance

- Category 6 cable according to IEC 61156-5
- Category 6 cable according to ANSI/TIA-568.2-D
- 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 Regulation 305/2011 (CPR):  
Various classifications available upon request.

#### Mechanical & Electrical Properties

|                               |                           |
|-------------------------------|---------------------------|
| Pulling force                 | 50 N/mm <sup>2</sup> 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                                     | Color         | Flame Test     | OD mm    | Weight kg/km | P/N                 |
|---|---------------|----------------|----------|--------------|---------------------|
| 4-Pair 23 AWG U/FTP CAT6 PVC Cable              | Gray RAL 9002 | IEC 60332-1    | 7.0      | 48           | 11F06VA004N-GYxx-yy |
| 4-Pair 23 AWG U/FTP CAT6 LS0H-1 Cable           | Gray RAL 9002 | IEC 60332-1    | 7.0      | 48           | 11F06HA004N-GYxx-yy |
| 4-Pair 23 AWG U/FTP CAT6 LS0H-3 Cable           | Gray RAL 9002 | IEC 60332-3-24 | 7.3      | 54           | 11F06HC004N-GYxx-yy |
| 2x(4-Pair 23 AWG U/FTP) CAT6 PVC FIG-8 Cable    | Gray RAL 9002 | IEC 60332-1    | 7.0x14.0 | 96           | 11F06VA008F-GYxx-yy |
| 2x(4-Pair 23 AWG U/FTP) CAT6 LS0H-1 FIG-8 Cable | Gray RAL 9002 | IEC 60332-1    | 7.0x14.0 | 96           | 11F06HA008F-GYxx-yy |
| 2x(4-Pair 23 AWG U/FTP) CAT6 LS0H-3 FIG-8 Cable | Gray RAL 9002 | IEC 60332-3-24 | 7.3x14.6 | 108          | 11F06HC008F-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.