



## Patchcords, FTP, Category 6

### Description

Opterna FTP Category 6 Patch Cord conforms to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2<sup>nd</sup> edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E. It has been tested up to 250 MHz, and is designed for high speed protocols such as ATM 622 Mbps and Gigabit Ethernet 1000 Mbps applications. The patch cord is comprised of flexible patch cable and is terminated with two modular plugs along with molded snag-less boots.

### Application

- ❖ Patch Panel and Work Area
- ❖ 4/16 Mbps Token Ring (IEEE 802.5)
- ❖ 10/100/1000 BASE-T (IEEE 802.3)
- ❖ 155/622 Mbps ATM
- ❖ 100 Mbps TP-PMD
- ❖ ISDN, ADSL

### Specifications

- ❖ Complies with TIA/EIA-568-B-2.1 category 6 requirements.
- ❖ Complies with ISO/IEC generic cabling standard 11801 (Class E) requirements.
- ❖ Complies with CENELEC generic cabling standard EN 50173 requirements.
- ❖ Complies with FCC Part 68 Subpart F.

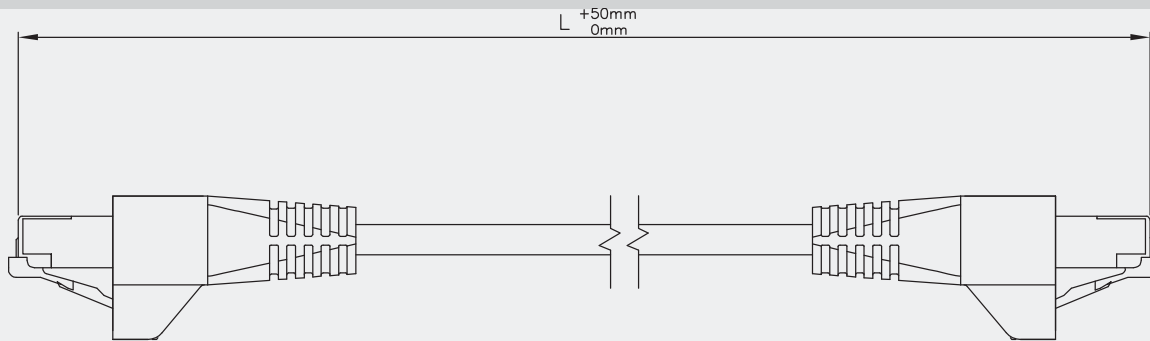
### Materials

#### Cable

|                                |   |
|--------------------------------|---|
| Conductor:                     | 7 copper wires, 26 AWG  |
| Insulation:                    | CMG: High-density polyethylene (HDPE)<br>CMP: FEP on 100% of conductors.      |
| Number of pairs:               | 4   |
| Color of twisted pairs:        | Blue-white/blue, Orange-white/orange, Green-white/green,<br>Brown-white/brown |
| Jacket:                        | PVC, LSZH, Plenum<br>Jacket Diameter <0.25 Inches                             |
| Plugs:                         | RJ-45 8P8C, RJ45 unshielded Category-6 compliant                              |
| Contact:                       | 50u" Gold plated Over 100u"-Nickel Plated                                     |
| Molded Boot Material:          | Fire retardant PVC compounds.   |
| Specifications Fire resistant: | CMG/CMP   |

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### Technical Specification



### Ordering Information

|                           |   |
|---------------------------|---|
| SCS-PC-C6-FTP-YYM-PVC-XX  | Patch cord FTP, category 6, shielded plug, PVC    |
| SCS-PC-C6-FTP-YYM-LSZH-XX | Patch cord FTP, category 6, shielded plug, LSZH   |
| SCS-PC-C6-FTP-YYM-PL-GY   | Patch cord FTP, category 6, shielded plug, PLENUM |

YY – length: 0.5 m, 1 m, 1.5 m, 2 m, 3 m, 5 m, 10 m

XX – color: Black (BK), Blue (BL), Green (GN), Gray (GY), Orange (OR), Red (RD), White (WH), Yellow (YL)

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