

STP patch cable, Category 6, LSOH

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|-------------------------|--------------|-------------------------|------------|
| P/N: PC-C6-S-005 | length 0.5 m | P/N: PC-C6-S-030 | length 3 m |
| P/N: PC-C6-S-010 | length 1 m | P/N: PC-C6-S-050 | length 5 m |
| P/N: PC-C6-S-015 | length 1.5 m | P/N: PC-C6-S-xxx | other |
| P/N: PC-C6-S-020 | length 2 m | | |

1
Gigabit

Cat.6

250
MHz

LSOH



features

- individually shielded pairs with stranded wires, halogen-free sheath
- connector RJ45 is compliant with IEC 60603-7 standard by its dimensions and transmission features
- enables transmission of all high-speed protocols up to 1000BASE-T
- guarantees a bandwidth of 250 MHz
- shielded against electromagnetic interference
- complies with the requirements for fire prevention arrangements in buildings with higher concentration of people

application

- primary (Campus), secondary (Riser), tertiary (Horizontal)
- IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
- IEEE 802.5 16 MB; ISDN; FDDI; ATM

construction

| | | |
|----------------------|--|--------------|
| Conductor | stranded bare copper wire, AWG 27/7 | |
| Sheath | low smoke, halogen-free (LSOH) | |
| Contact pin material | phosphor-bronze alloy coated with 50 μ of gold | |
| Boots material | polycarbonate | |
| Outer cable diameter | 6,2 mm | |
| Color (standard) | cable | gray RAL7035 |
| | boots | gray RAL7035 |

mechanical properties

| | | |
|-------------------------------|--------------|------------------|
| Insertion / extraction cycles | min. 750 | |
| Temperature range | operation | -25 °C to +60 °C |
| | installation | -25 °C to +60 °C |
| Min. bending radius | 25 mm | |

electrical properties at 20°C

| | | |
|-----------------------|-----------------------|-------------|
| Voltage rating | - | 125 V AC |
| Current rating | - | 1 A |
| Contact resistance | 100 mA (DC or 1000Hz) | 50 mΩ max. |
| Insulation resistance | 100 V DC | 100 MΩ min. |