

M12-X patchcord Cat.6A plug/open

500 MHz, shielded, assignment 1:1



Description

Shielded patch and connection cables with a shielded M12 connector (X-coded) and an open cable end.

The patch cables comply with the Category 6A (IEC) component standard and fulfil the Class EA channel requirements for 10GBase-T transmissions in a cabling link.

The cable has an overlapping copper braid as an overall shield, which ensures excellent NEXT and impedance values.

Standard range: from 0.5 m to 20 m.

Construction

| | |
|---------------------------|--|
| Wire material | Tinned stranded copper wire |
| Cross section | 4 x 2 x AWG 26/7 - 4 x 2 x 0.128 mm ² |
| Arrangement of wire cores | 4 pairs twisted |
| Outer sheath material | PUR |
| Outer sheath colour | green |

General properties

| | |
|--------------------------------|--------------------------------|
| Cable type | S/FTP |
| Type of connector connection 1 | M12 X-type IP 67 straight plug |
| Type of connector connection 2 | Open |
| Installation temperature | -20 °C - +60 °C |

Electrical properties

| | |
|------------|-----------------|
| Category | Cat.6A |
| Delay skew | 40 ns/100 m |
| Gbit/s | Up to 10 Gbit/s |
| Shielding | shielded |

Standards

| | |
|---------------------------------|-----------------|
| Zero halogen no corrosive gases | IEC 60754-1 |
| Flame propagation | IEC 60332-1-2 |
| Connector standards | IEC 61076-2-101 |
| Oil resistance | IEC 60811-2-1 |

Versions

| Material number | Product | Length (m) | Weight [kg] | GTIN / EAN |
|-----------------|----------------------------------|------------|-------------|----------------|
| 65544000ZY | M12-X patchcord Cat.6A plug/open | 1 | 0.07 kg | 40393910233322 |
| 65544100ZY | M12-X patchcord Cat.6A plug/open | 2 | 0.11 kg | 40393910233315 |
| 65544200ZY | M12-X patchcord Cat.6A plug/open | 3 | 0.15 kg | 40393910233308 |
| 65544300ZY | M12-X patchcord Cat.6A plug/open | 5 | 0.25 kg | 40393910233292 |
| 65544400ZY | M12-X patchcord Cat.6A plug/open | 10 | 0.36 kg | 40393910233285 |

Subject to technical modification

As of 2024-06-21 11:03:41