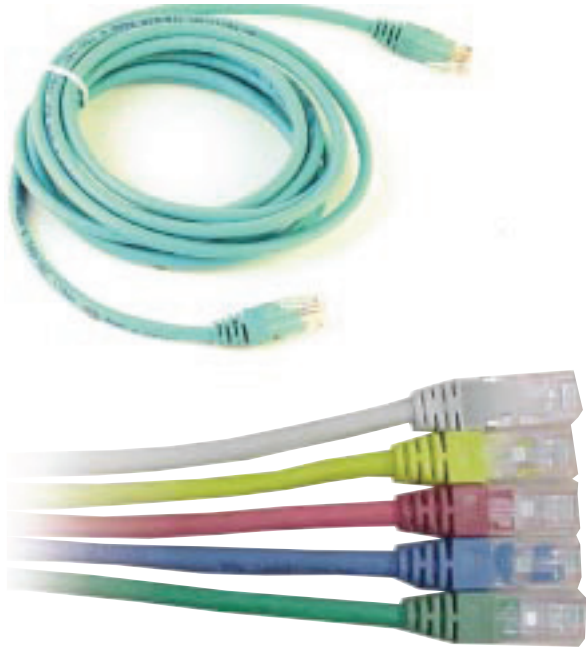




Volition™

Category 6 RJ45 Patch Cables



Category 6 RJ45 Patch Cable

Part of the 3M™ Volition Network Solutions these Category 6 patch cables allow you to complete your Category 6 system to EIA/TIA 568 or ISO 11801 Class E and EN 50173-1 Class E performance.

The RJ45 patch cables are available in either UTP or SFTP cable to ensure the appropriate electromagnetic compatibility protection level your customer requires

The patch cables are supplied in lengths of 0.5, 1, 1.5, 2, 3, 5, 7, 10, 12, 15 and 20 metre in the following configurations:

- Category 6 UTP PVC
- Category 6 UTP LSOH
- Category 6 SFTP LSOH

The patch cables comply with Flame Retardancy Standard IEC 60332-1.

LSOH versions are also compliant with IEC 60754-1 as required by the European Standard EN 50173.

Features

3M patch cables offer

- Optimization with 3M Volition RJ45 K6 jacks
- Moulded boot
- Available in 0.5, 1, 1.5, 2, 3, 5, 7, 10, 12, 15 and 20 metre lengths
- UTP and SFTP versions

Benefits

- offers best channel performance
- better mechanical protection ensures the minimum bend radius is not exceeded
- Flexibility to complete systems to your requirements
- Solutions for all levels of EMC protection

Specifications

Features

- 3M branded
- Category 6 link component
- Moulded boot
- 4 pairs of flexible multi-stranded copper conductors
- Polyethylene conductor insulation to NFC 32060
- Two types of outer jacket depending on use: PVC or zero halogen (LSOH*) material with flame retardant properties to IEC 60332-1

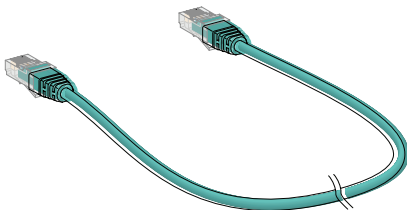
* compliant with Standard IEC 60754-1

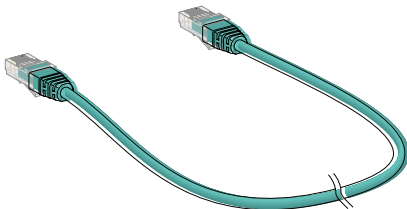
For SSTP Version

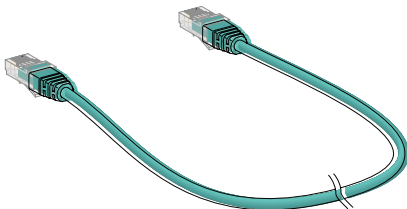
- Synthetic water-repellent tape.
- General shielding by copper braid
- Pair by pair shielding by aluminium/polyester tape

Ordering Information

Ref.-No.

| | | | |
|---|--|----------------|-----------------|
|  | Volition™ Cat 6 RJ45 to RJ45 Patch Cable, UTP, PVC | | |
| | Length | 0.5 m | VOL-6UPB-L0.5-X |
| | | 1.0 m | VOL-6UPB-L1-X |
| | | 1.5 m | VOL-6UPB-L1.5-X |
| | | 2.0 m | VOL-6UPB-L2-X |
| | | 3.0 m | VOL-6UPB-L3-X |
| | | 5.0 m | VOL-6UPB-L5-X |
| | | 7.0 m | VOL-6UPB-L7-X |
| | | 10.0 m | VOL-6UPB-L10-X |
| | | 12.0 m | VOL-6UPB-L12-X |
| | | 15.0 m | VOL-6UPB-L15-X |
| | 20.0 m | VOL-6UPB-L20-X | |

| | | | |
|---|---|----------------|-----------------|
|  | Volition™ Cat 6 RJ45 to RJ45 Patch Cable, UTP, LSOH | | |
| | Length | 0.5 m | VOL-6ULB-L0.5-X |
| | | 1.0 m | VOL-6ULB-L1-X |
| | | 1.5 m | VOL-6ULB-L1.5-X |
| | | 2.0 m | VOL-6ULB-L2-X |
| | | 3.0 m | VOL-6ULB-L3-X |
| | | 5.0 m | VOL-6ULB-L5-X |
| | | 7.0 m | VOL-6ULB-L7-X |
| | | 10.0 m | VOL-6ULB-L10-X |
| | | 12.0 m | VOL-6ULB-L12-X |
| | | 15.0 m | VOL-6ULB-L15-X |
| | 20.0 m | VOL-6ULB-L20-X | |

| | | | |
|---|--|-----------------|------------------|
|  | Volition™ Cat 6 RJ45 to RJ45 Patch Cable, SSTP, LSOH | | |
| | Length | 0.5 m | VOL-6SSLB-L0.5-X |
| | | 1.0 m | VOL-6SSLB-L1-X |
| | | 1.5 m | VOL-6SSLB-L1.5-X |
| | | 2.0 m | VOL-6SSLB-L2-X |
| | | 3.0 m | VOL-6SSLB-L3-X |
| | | 5.0 m | VOL-6SSLB-L5-X |
| | | 7.0 m | VOL-6SSLB-L7-X |
| | | 10.0 m | VOL-6SSLB-L10-X |
| | | 12.0 m | VOL-6SSLB-L12-X |
| | | 15.0 m | VOL-6SSLB-L15-X |
| | 20.0 m | VOL-6SSLB-L20-X | |

X = B (Blue), R (Red), Y (Yellow), G (Green)

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