



# Volition™

## Category 5e RJ45 Patch Cables

Part of the 3M™ Volition™ Networks Solutions, these Category 5e patch cables allow you to complete your system to EIA/TIA 568B, ISO 11801 and EN 50173-1 Class D levels of performance.

The RJ45 patch cables are available in either UTP, FTP or SFTP cable and lengths of 0.5, 1, 2, 3, 4, 5, 7, 10, 12, 15 and 20 metres.

They are compliant with Flame Retardant standard IEC 60332-1

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

- Category 5e UTP PVC
- Category 5e UTP LSOH
- Category 5e FTP LSOH
- Category 5e SFTP LSOH

A choice of 3 versions, UTP, FTP and SFTP, ensures the appropriate electromagnetic compatibility protection level your customer requires

Category 5e RJ45 Patch cables

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### Features

#### 3M patch cords offer

- Optimisation with 3M Volition RJ45 K5e jacks
- Moulded boot
- Available in 0.5, 1, 2, 3, 4, 5, 7, 10, 12, 15 and 20 m
- UTP, FTP and SFTP versions

### Benefits

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

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## Specifications

### Features

- 3M branded
- Category 5e 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 user requirements: PVC or low smoke zero halogen (LSOH\*) material with flame retardant properties to IEC 60332-1

### For SFTP version

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

\* compliant with Standard IEC 60754-1

