Cat6a S/FTP (PIMF) LSOH Ethernet Patch Cords (Class EA)
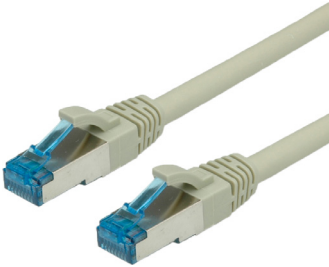# RJ45 Plug to RJ45 Plug

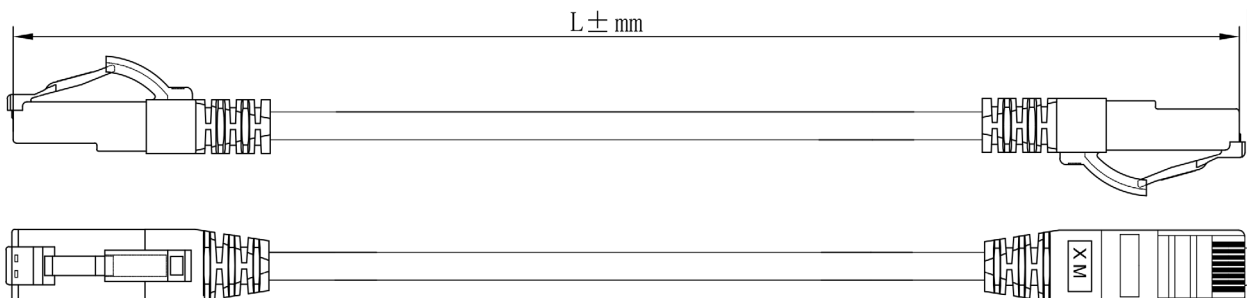**multicomp** PRO

RoHS Compliant

Description

The cheap solution for data transfer rates of up to 10 Gbit/s and a bandwidth of 500MHz. Patch cable for networking connections between devices. Prepared shielded Twisted Pair cable [Pair in Metal Foil (PIMF)] with RJ-45 connectors on both ends. Durable due to moulded kink protection. Flexible cable, suitable for narrow bending. Impedance: 100Ω. Contact settings 1:1, in accordance with the EIA/TIA 568 standard. Construction: 8 lines, pairs shielded with aluminium foil, complete braided shielding.
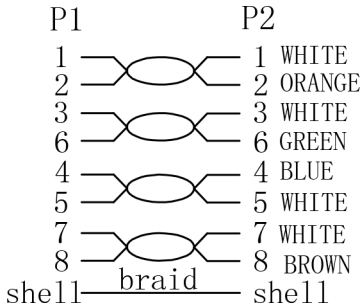
Specifications

Product group	: Twisted Pair Cable
Cable Jacket Material	: PVC
Product type	: S/FTP Patchcord
Colour	: Grey
Shield type	: SFTP (PIMF)
Transfer quality	: Cat6A / Class EA
Quantity of wires	: 8
Conductor type	: Wire
Crossed	: No
Colour (Spout)	: Grey
Connector Type RJ45	: Standard

Diagram

$$L \pm \text{ mm}$$

Dimensions : Millimetres

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Page <1>   17/06/22   V1.1

Wiring Diagram 568B

```
P1              P2
1  ─────────── 1  WHITE
2  ────╳────── 2  ORANGE
3  ─────────── 3  WHITE
6  ────╳────── 6  GREEN
4  ─────────── 4  BLUE
5  ────╳────── 5  WHITE
7  ─────────── 7  WHITE
8  ────╳────── 8  BROWN
shell──── braid ────shell
```

Note:

1. Electrical Test:
   (1). 100% Open Short, Miss Wire Test
   (2). Insulation Resistance : DC 300V 10mΩ
   (3). Conductor Resistance : 3Ω max (More than 3m, add 1Ω per meter);

2. Fluke Channel Link Test:
   Test Limit : ISO11801 Channel Class Ea

3. Print Word:
   Cat. 6A S/FTP (PIMF) LSZH 500MHz ISO/IEC 11801 & EN 50173-1 & ANSI/TIA-568-C.2

4. Minimum of the bending radius is 50mm
   (Suitable For All Meters)

Part Number Table

Description	Part Number
RJ45 Patch Cord, Cat6a, S/FTP (PIMF), Grey, 0.5m	MP001962
RJ45 Patch Cord, Cat6a, S/FTP (PIMF), Grey, 1m	MP001963
RJ45 Patch Cord, Cat6a, S/FTP (PIMF), Grey, 2m	MP001964
RJ45 Patch Cord, Cat6a, S/FTP (PIMF), Grey, 3m	MP001965
RJ45 Patch Cord, Cat6a, S/FTP (PIMF), Grey, 5m	MP001966

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Page <2>   17/06/22   V1.1