

# DATASHEET

## MTP®(F)-MTP®(F) Patch cable OM4 12 fibers Typ B LSZH erica-violet 10m



100 Gbit



### General data

Application: Server to Server- / Switch to Switch connection,  
Suitable for transmission links up to **100 Gigabit**  
Connector manufacturer: **US Conec**  
Matrix: 12 Fibers  
Singlemode variant always as APC version  
Colour: OM5 lime green, OM4 erica-violet, OM3 aqua and OS2 yellow

Available lengths: 1m up to 100m

**Note: In each MTP® transmission link, a type B (crossed) patch cable is required**

### Technical properties

|                        |              |
|------------------------|--------------|
| Cable Diameter         | 3.0 mm       |
| Category               | OM4          |
| Coding                 | Crossed      |
| Colour outer sheath    | erica-violet |
| Connector connection 1 | MTP®(F)      |
| Connector connection 2 | MTP®(F)      |

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|                                          |                 |
|------------------------------------------|-----------------|
| Crossed                                  | Yes             |
| Data rate                                | 40G/ 100G/ 400G |
| Fibre type                               | OM4 50/125      |
| Flame retardant                          | Yes             |
| Guide pins side A                        | False           |
| Guide pins side B                        | False           |
| Halogen free (according to EN 50267-2-3) | True            |
| Material outer sheath                    | LSZH            |
| Operating temperature                    | -20 - 70 °C     |
| Storage Temperature                      | -20 - 70 °C     |
| Wave length                              | 850/1300 nm     |
| With rodent protection                   | False           |

### Available variants

| ArtNr.            | Bezeichnung                                                            | Halogen free (according to EN 60754-1/2) | Length | Number of connectors connection 1 | Number of connectors connection 2 | Number of fibres |
|-------------------|------------------------------------------------------------------------|------------------------------------------|--------|-----------------------------------|-----------------------------------|------------------|
| MTPF12MTPFOM4-0,5 | MTP®(F)-MTP®(F) Patch cable OM4 12 fibers Typ B LSZH erica-violet 0,5m | True                                     | 0.5 m  | 1 x MTP® (F)                      | 1 x MTP® (F)                      | 12               |
| MTPF12MTPFOM4-1   | MTP®(F)-MTP®(F) Patch cable OM4 12 fibers Typ B LSZH erica-violet 1m   | True                                     | 1.0 m  | 1 x MTP® (F)                      | 1 x MTP® (F)                      | 12               |
| MTPF12MTPFOM4-10  | MTP®(F)-MTP®(F) Patch cable OM4 12 fibers Typ B LSZH erica-violet 10m  | True                                     | 10.0 m | 1 x MTP® (F)                      | 1 x MTP® (F)                      | 12               |
| MTPF12MTPFOM4-15  | MTP®(F)-MTP®(F) Patch cable OM4 12 fibers Typ B LSZH erica-violet 15m  | True                                     | 15.0 m | 1 x MTP® (F)                      | 1 x MTP® (F)                      | 12               |
| MTPF12MTPFOM4-2   | MTP®(F)-MTP®(F) Patch cable OM4 12 fibers Typ B LSZH erica-violet 2m   | True                                     | 2.0 m  | 1 x MTP® (F)                      | 1 x MTP® (F)                      | 12               |
| MTPF12MTPFOM4-3   | MTP®(F)-MTP®(F) Patch cable OM4 12 fibers Typ B LSZH erica-violet 3m   | True                                     | 3.0 m  | 1 x MTP® (F)                      | 1 x MTP® (F)                      | 12               |
| MTPF12MTPFOM4-5   | MTP®(F)-MTP®(F) Patch cable OM4 12 fibers Typ B LSZH erica-violet 5m   | True                                     | 5.0 m  | 1 x MTP® (F)                      | 1 x MTP® (F)                      | 12               |

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|                   |                                                                              |      |        |              |              |    |
|-------------------|------------------------------------------------------------------------------|------|--------|--------------|--------------|----|
| MTPF12MTPFOM4-50  | MTP®(F)-MTP®(F) Patch cable<br>OM4 12 fibers Typ B LSZH<br>erica-violet 50m  | True | 50.0 m | 1 x MTP® (F) | 1 x MTP® (F) | 12 |
| MTPF12MTPFOM4-7,5 | MTP®(F)-MTP®(F) Patch cable<br>OM4 12 fibers Typ B LSZH<br>erica-violet 7,5m | True | 7.5 m  | 1 x MTP® (F) | 1 x MTP® (F) | 12 |

### Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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