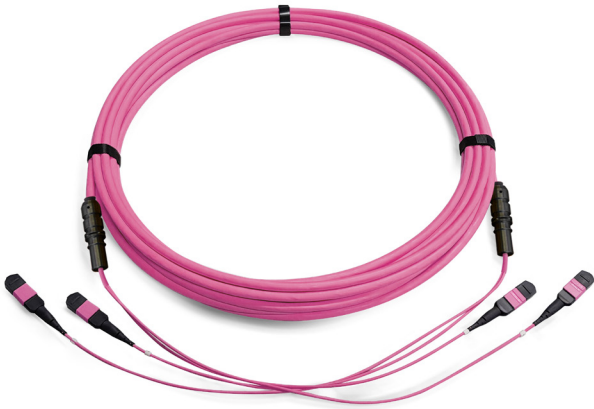


HD-DCS Indoor cables MTP-MTP, 12-144 fibres OM4

for interconnecting HD-DCS modules



HD-DCS Indoor cables MTP-MTP, 12-144 fibres OM4

Description

Compact, metal-free cable construction with FR/LSOH cable sheath and 12 to 144 fibres.

OM4 versions with Euroclass D_{ca} are available (Euroclass C_{ca} or B2_{ca} version available on request).

Sticker labelling at both cable ends.

The length of individual cables ("legs") may be defined on the basis of a specific project (standard 0.55 m, max. 4.0 m).

The leg separation is effected with a divider housing.

All individual cables are assembled using MTP® connectors with high-performance 12-fibre Elite® ferrules (MTP₈/MTP₂₄ available on request).

Standard connectivity methods can be type A or type C (other types available on request).

The cables are fitted at both ends with protective sleeves.

Application

OM4 MTP-on-MTP Indoor cables are suitable for all high-performance applications with duplex and parallel optic signals in a data centre environment.

They are particularly used when installation requires sturdy, metal-free indoor cables that provide enhanced crush resistance and rodent protection.

For duplex applications, the pre-assembled connectors at either end of the cable are connected to the HD-DCS modules.

The HD-DCS Indoor cables are assembled to a very high quality and guarantee optimum values for optical performance (IL/RL).

Optical Properties

| | |
|-------------------------------|-------------|
| Fibre type | G50/125 OM4 |
| Colour code | IEC 60304 |
| Connector type side A | MTP |
| Connector gender side A | male |
| Ferrule polishing connector A | Elite PC 0° |
| IL maximal, connector A | 0.25 dB |
| IL typical, connector A | 0.15 dB |
| RL minimal, connector A | 35 dB |
| RL typical, connector A | 45 dB |
| Connector type side B | MTP |
| Connector gender side B | male |
| Ferrule polishing connector B | Elite PC 0° |
| IL maximal, connector B | 0.25 dB |
| IL typical, connector B | 0.15 dB |
| RL minimal, connector B | 35 dB |
| RL typical, connector B | 45 dB |

Scope of delivery

HD-DCS Indoor cables (FR/LS0H) with 12-144 fibres OM4.
 High-performance connector assembly at either end with MTP Elite (male).
 Sticker labelling at both cable ends.
 Test reports on all MTP connectors.

Standards

| | |
|--------------------|---|
| Flame propagation | IEC 60332-1-2 |
| MTP standard (IEC) | IEC 61754-7, IEC 61755-3-31, IEC 61755-3-32 |
| Polarity standard | TIA-568-C.3 Type A,B,C |

Note

Insertion Loss (IL) is determined by the latest measurement methods under EFL multimode excitation conditions (EFL = Encircled Flux Launch) at 850 nm in accordance with IEC 61280-4-1.

Versions

<STEPTABLE O="STEP_PRODUCT_307980" OT="Product" TT="267772" VC="CTX_english" VO="935905" W="Approved" />

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