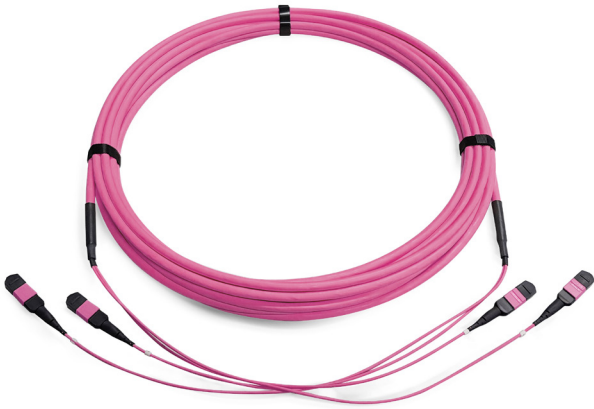


HD-DCS Breakout cables MTP-MTP, 12-144 fibres OM4

for interconnecting HD-DCS modules



HD-DCS Breakout 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 available (Euroclass B2_{ca} 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). 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 Breakout 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. For duplex applications, the pre-assembled connectors at either end of the cable are connected to the HD-DCS modules. The HD-DCS Breakout 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 Breakout cables (FR/LSOH) 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_325108" OT="Product" TT="267772" VC="CTX_english" VO="935905" W="Approved" />

MTP® and MTP Elite® are registered brands of US Conec.

Subject to technical modification

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