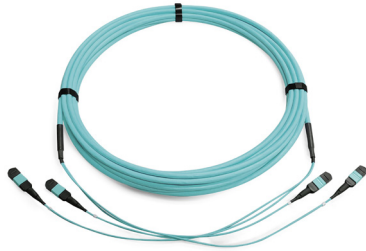


DCS breakout cable MTP, 12-144 fibres OM3

for interconnecting DCS modules



DCS breakout cable MTP, 12-144 fibres OM3

Description

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

OM3 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 0.75 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

OM3 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 DCS modules.

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

General Properties

Outer sheath colour	heather violet
Outer sheath material	FR/LSZH

Optical Properties

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

Mechanical properties

Housing colour connector A	magenta
Housing colour connector B	magenta

Scope of delivery

DCS breakout cable (FR/LSOH) with 12-144 fibres OM3.
 High-performance connector assembly at either end with MTP Elite (male).
 Sticker labelling at both cable ends.

Standards

MTP standard (IEC)	IEC 61754-7, IEC 61755-3-31, IEC 61755-3-32
Polarity standard	TIA-568-C.3 Type A,B,C
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2
Flame Propagation	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
Flame Spread	IEC 60332-3-24
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

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

Material number	Product	Outer sheath colour	Number of Fibres	Outer sheath diameter [mm]	Minimum bending radius	Tensile load short term [N]	Tensile load continuous [N]	Crush resistance short term [N]	Crush resistance continuous [N]	Polarity	Number of connectors side A	Number of connectors side B	Number of fibres per connector A	Number of fibres per connector B	Packing unit	GTIN / EAN
475060	DCS breakout cable 1x MTP - 1x MTP	turquoise	12	4.5	60	500	200	5,000	1,000	A	1	1	12	12	by the metre	

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475061	DCS breakout cable 2x MTP - 2x MTP	turquoise	24	6.6	90	600	400	5,000	1,000	A	2	2	12	12	by the metre	
475062	DCS breakout cable 4x MTP - 4x MTP	turquoise	48	6.6	90	600	400	5,000	1,000	A	4	4	12	12	by the metre	
475063	DCS breakout cable 6x MTP - 6x MTP	turquoise	72	7.6	110	800	600	5,000	1,000	A	6	6	12	12	by the metre	
475064	DCS breakout cable 8x MTP - 8x MTP	turquoise	96	9.2	130	1,000	800	5,000	1,000	A	8	8	12	12	by the metre	
475065	DCS breakout cable 12x MTP - 12x MTP	turquoise	144	10.3	150	1,400	1,200	5,000	1,000	A	12	12	12	12	by the metre	
475070	DCS breakout cable 1x MTP - 1x MTP	turquoise	12	4.5	60	500	200	5,000	1,000	C	1	1	12	12	by the metre	
475071	DCS breakout cable 2x MTP - 2x MTP	turquoise	24	6.6	90	600	400	5,000	1,000	C	2	2	12	12	by the metre	
475072	DCS breakout cable 4x MTP - 4x MTP	turquoise	48	6.6	90	600	400	5,000	1,000	C	4	4	12	12	by the metre	
475073	DCS breakout cable 6x MTP - 6x MTP	turquoise	72	7.6	110	800	600	5,000	1,000	C	6	6	12	12	by the metre	
475074	DCS breakout cable 8x MTP - 8x MTP	turquoise	96	9.2	130	1,000	800	5,000	1,000	C	8	8	12	12	by the metre	
475075	DCS breakout cable 12x MTP - 12x MTP	turquoise	144	10.3	150	1,400	1,200	5,000	1,000	C	12	12	12	12	by the metre	

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Subject to technical modification

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