

FO-DC Universal cables MTP-MTP, 12-48 fibres

for interconnecting FO plug-in modules

OM3, OM4, OS2



FO-DC Universal cable, MTP-on-MTP, 12-48 fibres

Description

Compact, metal-free cable construction with FR/LSOH cable sheath and 12 to 48 fibres.

OM3, OM4 or OS2 versions are available. Sticker labelling at both cable ends.

The breakout length of individual cables may be defined on the basis of a specific project (max. 4.0 m).

Breakout separation is effected without a divider housing. All breakouts are assembled using MTP connectors with high-performance 12-fibre Elite® ferrules.

Standard polarisation modes can be type A or type C (other types available on request).

The cables are fitted at both ends with protective sleeves.

Application

OM3, OM4 and OS2 MTP-on-MTP® FO Universal 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 and outdoor 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 FO plug-in modules.

The cables can continue to be used in the event of migration to parallel optic applications, e.g. to 40/100 GbE, when the plug-in modules are replaced by MTP front plates.

The FO-DC Universal cables are assembled to a very high quality and guarantee optimum values for optical performance (IL/RL).

Scope of delivery

FO-DC Universal cables (FR/LSOH) with 12-48 fibres OM3, OM4 or OS2

High-performance connector assembly at either end with MTP Elite (male)

Labelled using stickers at both cable ends

Test reports on all MTP connectors

Note

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

Versions

Material number	Product	Number of connectors	Outer sheath colour	Outer sheath diameter [mm]	Weight [kg]	Minimum bending radius	Tensile load [N]	Crush resistance short term [N]	Crush resistance continuous [N]	Number of fibres per connector	Weight [kg]	Packing unit
570641	FO-DC Universal cable MTP-MTP, 12F, OM3	1	turquoise	7.6	68	115	1,500	5,000	3,000	12	1.5 kg	by the metre
570651	FO-DC Universal cable MTP-MTP, 12F, OM4	1	heather violet	7.6	68	115	1,500	5,000	3,000	12	1.5 kg	by the metre

Material number	Product	Number of connectors	Outer sheath colour	Outer sheath diameter [mm]	Weight [kg]	Minimum bending radius	Tensile load [N]	Crush resistance short term [N]	Crush resistance continuous [N]	Number of fibres per connector	Weight [kg]	Packing unit
570661	FO-DC Universal cable MTP-12F, OS2 (G.652.D)	1	yellow	7.6	68	115	1,500	5,000	3,000	12	1.5 kg	by the metre
570642	FO-DC Universal cable MTP-MTP, 2x 12F, OM3	2	turquoise	9.5	96	140	2,800	5,000	3,000	12	2 kg	by the metre
570662	FO-DC Universal cable MTP-MTP, 2x 12F, OS2 (G.652.D)	2	yellow	9.5	96	140	2,800	5,000	3,000	12	2 kg	by the metre
570652	FO-DC Universal cable MTP-MTP, 2x 12F, OM4	2	heather violet	9.5	96	140	2,800	5,000	3,000	12	2 kg	by the metre
570643	FO-DC Universal cable MTP-MTP, 4x 12F, OM3	4	turquoise	11.4	148	175	6,000	5,000	3,000	12	3 kg	by the metre
570653	FO-DC Universal cable MTP-MTP, 4x 12F, OM4	4	heather violet	11.4	148	175	6,000	5,000	3,000	12	3 kg	by the metre
570663	FO-DC Universal cable MTP-MTP, 4x 12F, OS2 (G.652.D)	4	yellow	11.4	148	175	6,000	5,000	3,000	12	3 kg	by the metre
570644	FO-DC Universal cable MTP-MTP, 12F, OM3	1	turquoise	7.6	68	115	1,500	5,000	3,000	12	1.5 kg	by the metre
570654	FO-DC Universal cable MTP-MTP, 12F, OM4	1	heather violet	7.6	68	115	1,500	5,000	3,000	12	1.5 kg	by the metre
570664	FO-DC Universal cable MTP-12F, OS2 (G.652.D)	1	yellow	7.6	68	115	1,500	5,000	3,000	12	1.5 kg	by the metre
570645	FO-DC Universal cable MTP-MTP, 2x 12F, OM3	2	turquoise	9.5	96	140	2,800	5,000	3,000	12	2 kg	by the metre
570655	FO-DC Universal cable MTP-MTP, 2x 12F, OM4	2	heather violet	9.5	96	140	2,800	5,000	3,000	12	2.2 kg	by the metre
570646	FO-DC Universal cable MTP-MTP, 4x 12F, OM3	4	turquoise	11.4	148	175	6,000	5,000	3,000	12	3 kg	by the metre
570656	FO-DC Universal cable MTP-MTP, 4x 12F, OM4	4	heather violet	11.4	148	175	6,000	5,000	3,000	12	3 kg	by the metre
570665	FO-DC Universal cable MTP-MTP, 2x 12F, OS2 (G.652.D)	2	yellow	9.5	96	140	2,800	5,000	3,000	12	2.2 kg	by the metre
570666	FO-DC Universal cable MTP-MTP, 4x 12F, OS2 (G.652.D)	4	yellow	11.4	148	175	6,000	5,000	3,000	12	3 kg	by the metre

