FO-DCS 3U/7HP MTP plug-in modules, 1x MTP on 6x LCD, OS2
for FO-DCS modular subracks / panels

High-performance FO-DCS MTP plug-in modules, 12F, 3U/7HP

Description

Polycarbonate (PC) housing with press-fit side panels (sealed) and polycarbonate (black) or aluminium front panel (1U/7HP).
At the rear these FO-DCS plug-in modules have one MTP coupler which is routed to the front couplers (6x LC duplex) by way of an internal fanout and integrated fibre management.
The black PC front panels provide labelling strips on both sides of the LCD ports for customer-specific printing.
Fixed with two knurled screws (captive).

Applicazione

FO-DCS MTP® plug-in modules are suitable for all high-performance applications with duplex signals, particularly in the data centre environment.
They find modular application in FO-DCS modular panels (19"/1U) or in FO-DCS subracks (19"/3U, 19"/4U).
They are used to accept pre-assembled MTP trunk cables.
Packing densities of up to 144 fibres on 3U are achieved with these plug-in modules.
They are assembled to a very high quality and guarantee optimum values for optical performance (IL/RL).

Proprietà generali

Acceptance capacity	6 duplex ports (12 fibres)
Fully equipped	Yes

Proprietà ottiche

Adapter colour, front side	blu
Adapter colour, rear side	nera
Adapter material, front side	Polimerico
Adapter material, rear side	Polythermide
Adattatore, lato anteriore	6 x LCD, blu (Dust plug)
Adattatore, lato posteriore	MTP
Adattatore, lato posteriore	1 x MTP, nera
Connector colour, front side	heather violet
Connector colour, rear side	verde
Connector type, front side	LC
Connector type, rear side	MTP_{12} female
Connettori, lato anteriore	12 x LC/PC 0°
Connettori, lato posteriore	1 x MTP_{12} female Elite APC 8°
Ferrule material, front side	Zirconia (ZrO_2)
Ferrule material, rear side	Polyphenylene sulfide resin
Ferrule polishing, front side	PC 0°
Ferrule polishing, rear side	Elite APC 8°
Insertion loss (IL), maximal, front side	0,25 dB

Insertion loss (IL), maximal, rear side	0,3 dB
Insertion loss (IL), typical, front side	0,1 dB
Insertion loss (IL), typical, rear side	0,1 dB
Materiale manicotto, lato anteriore	Zirconia (ZrO$_2$)
Number of adapters, front side	6
Number of adapters, rear side	1
Number of connectors, front side	12
Number of connectors, rear side	1
Number of fanouts (12F)	1
Return loss (RL), minimal, back side	65 dB
Return loss (RL), minimal, front side	35 dB
Return loss (RL), typical, back side	70 dB
Return loss (RL), typical, front side	40 dB
Tipo di adattatore, lato anteriore	LCD
Tipo di adattatore, lato posteriore	Type A (key up/key down)
Tipologia di fibra	E9/125 OS2

Proprietà meccaniche

Dust protection, backside	Yes
Dust protection, frontside	Yes
Dust/Laser protection, backside	Dust plug
Dust/Laser protection, frontside	Dust plug
Fibre colour code	IEC 60304
Laser protection, backside	No
Laser protection, frontside	No

Scope of delivery

Housing with front panel, equipped with 6 LC duplex adapters (ceramic sleeves).
Rear fitted with 1 MTP adapter (Type A).
1 module fanout (High P): 12 fibres, 1x MTP Elite® (female) on 12x LC (ceramic ferrules).
Delivery inclusive of test reports on fanout.

Versions

Numero Materiale	Product	Dimensioni esterne	Colore	Materiale	Peso [kg]	Packing unit
571508	FO-DCS 3U/7HP plug-in module, 1x MTP on 6x LCD/PC, OS2 (G.652.D)	3 U, 129 mm x 35 mm x 180 mm	nera	Polycarbonate (PC)	0,25 kg	1 pc.
571608	FO-DCS 3U/7HP plug-in module, 1x MTP on 6x LCD/PC, OS2 (G.652.D)	3 U, 129 mm x 35 mm x 180 mm	nera	Polycarbonate (PC)	0,25 kg	1 pc.

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