HD-DCS MTP module, 1x MTP on 6x LCD/PC, OS2
for HD-DCS modular panels

Description

Polycarbonate (PC) housing with press-fit cover (sealed).
At the rear these HD-DCS modules have one MTP coupler which is routed to the front couplers (6LCD) by way of an internal fanout.
Front couplers with integrated, automatic transparent dust shutters.

Applicazione

HD-DCS MTP® modules are suitable for all high-density and high-performance applications with duplex signals, particularly in the data centre environment.
They find modular application in the slots of the HD-DCS modular panels (19"/1U) in which they can be inserted from the front.
They are used to accept pre-assembled MTP trunk cables.
Packing densities of up to 144 fibres on 1U are achieved with these modules.
They are assembled to a very high quality and guarantee optimum values for optical performance (IL/RL).

Proprietà generali

Acceptance capacity	12 fibres
Fully equipped	Yes

Proprietà ottiche

Adapter colour, front side	blu
Adapter colour, rear side	verde
Adapter material, front side	Polimerico
Adapter material, rear side	Polythermide
Adattatore, lato anteriore	1 x 6LCD, blu (Inner shutter, translucent)
Adattatore, lato posteriore	MTP
Adattatore, lato posteriore	1 x MTP, verde
Connector colour, front side	blu
Connector colour, rear side	giallo
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	0,30 dB
Insertion loss (IL), typical, front side	0,12 dB

Insertion loss (IL), typical, rear side	0,15 dB
Materiale manicotto, lato anteriore	Zirconia (ZrO$_2$)
Number of adapters, front side	1
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	50 dB
Return loss (RL), typical, back side	70 dB
Return loss (RL), typical, front side	55 dB
Tipo di adattatore, lato anteriore	6LCD
Tipo di adattatore, lato posteriore	Type A (key up/key down)
Tipologia di fibra	E9/125 G.652.D BLO

Proprietà meccaniche

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

Scope of delivery

Housing, equipped with 1x 6LCD adapter with automatic transparent dust protection caps and ceramic sleeves on the front.
Rear fitted with 1 MTP adapter (Type A).
1 module fanout (HighP): with 12 fibres, 1x MTP Elite® (female) on 12x LC (ceramic ferrules).

Standards

LC standard (IEC)	IEC 61754-20
MTP standard (IEC)	IEC 61754-7, IEC 61755-3-31, IEC 61755-3-32

Nota

As high-performance patch cables for high-density solutions Datwyler recommends the HD-DCS LCD Uniboot patch cables with push-pull rods.

Versions

Numero Materiale	Product	Dimensioni esterne	Colore	Materiale	Peso [kg]	Packing unit
473522	HD-DCS MTP module, 1x MTP on 6x LCD/PC, OS2	13 mm x 88 mm x 118 mm	nera	Polycarbonate (PC)	0,08 kg	1 pc.

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