

## MD-DCS MTP module, 1x MTP on 3x LCQ/PC, OS2

for MD-DCS modular panels



### Description

Polycarbonate (PC) housing with press-fit cover (sealed).

At the rear these MD-DCS modules have one MTP adapter which is routed to the front adapters (3x LCQ) with an internal module fanout.

### Application

MD-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 MD-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 48 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).

### General properties

Acceptance capacity	12 fibres
Fibre colour code	IEC 60304
Fully equipped	yes
System	MD-DCS

## Optical Properties

Insertion loss (IL), maximal, front side	0.25 dB
Insertion loss (IL), typical, front side	0.12 dB
Return loss (RL), minimal, front side	50 dB
Return loss (RL), typical, front side	55 dB
Insertion loss (IL), maximal, rear side	0.30 dB
Insertion loss (IL), typical, rear side	0.15 dB
Return loss (RL), minimal, back side	65 dB
Return loss (RL), typical, back side	70 dB
Fibre type	E9/125 G.652.D OS2

## Mechanical properties

Adapter, front side	12 x LCQ/PC, blue
Adapter material, front side	Polymeric
Dust protection, front side	yes
Laser protection, front side	no
Dust/Laser protection, front side	Dust plug
Sleeve material, front side	Zirconia (ZrO <sub>2</sub> )
Connectors, front side	12 x LC/PC 0°
Ferrule material, front side	Zirconia (ZrO <sub>2</sub> )
Adapter, rear side	1 x MTP, black, Type A (key up/key down)
Adapter material, rear side	Polythermide
Adapter type, rear side	Type A (key up/key down)
Dust protection, rear side	yes
Laser protection, rear side	no
Dust/Laser protection, rear side	Dust plug
Connectors, rear side	1 x MTP <sub>12</sub> female Elite APC 8°
Ferrule material, rear side	Polyphenylene sulfide resin

## Scope of delivery

Housing, equipped with 3x LCQ adapters with ceramic sleeves on the front.  
 Rear fitted with 1 MTP adapters (Type A).  
 1 module fanouts (HighP): each 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

## Versions

Material number	Product	Weight [kg]	Packing unit	GTIN / EAN
476101	MD-DCS MTP module, 1x MTP on 3x LCQ/PC, OS2	0.16 kg	1 pc.	40393910216189

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