

HD-DCS MTP module, 1x MTP on 6x LCD/PC, OM4

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 | heather violet |
| Adapter colour, rear side | magenta |
| Adapter material, front side | Polimerico |
| Adapter material, rear side | Polythermide |
| Adattatore, lato anteriore | 1 x 6LCD, heather violet (Inner shutter, translucent) |
| Adattatore, lato posteriore | MTP |
| Adattatore, lato posteriore | 1 x MTP, magenta |
| Connector colour, front side | beige |
| Connector colour, rear side | magenta |
| 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 PC 0° |
| 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 PC 0° |
| Insertion loss (IL), maximal, front side | 0,25 dB |
| Insertion loss (IL), maximal, rear side | 0,25 dB |
| Insertion loss (IL), typical, front side | 0,15 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 | 35 dB |
| Return loss (RL), minimal, front side | 35 dB |
| Return loss (RL), typical, back side | 45 dB |
| Return loss (RL), typical, front side | 40 dB |
| Tipo di adattatore, lato anteriore | 6LCD |
| Tipo di adattatore, lato posteriore | Type A (key up/key down) |
| Tipologia di fibra | G50/125 OM4 |

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 |
|------------------|---|------------------------|--------|--------------------|-----------|--------------|
| 473520 | HD-DCS MTP module, 1x MTP on 6x LCD/PC, OM4 | 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.