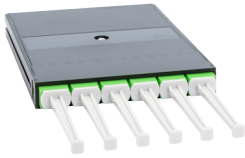# HD-DCS BO module, 6x MPO, OS2
for HD-DCS modular panels

Description

Polycarbonate (PC) housing with press-fit cover.
At the rear the HD-DCS BO modules have a slot fitted with a cable grommet.
Front couplers with translucent dust plugs.

Application

HD-DCS BO modules are suitable for all high-density and high-performance applications with parallel optic 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.
A packing density of 864 fibres (MTP$_{12}$) on 1U are achieved with these type of modules.

General Properties

Acceptance capacity	72 fibres (MTP$_{12}$)

Optical Properties

Adapter, front side	1 x 6MPO, green (Dust plug)
Adapter colour, front side	green
Adapter material, front side	Polymeric
Adapter type, front side	6MPO
Number of adapters, front side	1

Mechanical properties

Dust protection, frontside	Yes
Dust/Laser protection, frontside	Dust plug
Laser protection, frontside	No

Scope of delivery

Housing, equipped with 1x 6MPO adapter with translucent dust plug protection on front side.
Rear side is fitted with a cable grommet.

Standards

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

Note

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

Versions

Material number	Product	Outer dimensions	Colour	Material	Weight [kg]	Packing unit
473592	HD-DCS BO module, 6x MPO, OS2	13 mm x 88 mm x 118 mm	black	Polycarbonate (PC)	0.07 kg	1 pc.

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

Subject to technical modification