

## HD-DCS Indoor cables MTP-MTP, 12-144 fibres OS2

for interconnecting HD-DCS modules



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### Description

Compact, metal-free cable construction with FR/LSZH cable sheath and 12 to 144 fibres. OS2 versions with Euroclass D<sub>ca</sub> are available (Euroclass C<sub>ca</sub> or B2<sub>ca</sub> version available on request). Sticker labelling at both cable ends. The length of individual cables ("legs") may be defined on the basis of a specific project (standard 0.55 m, max. 4.0 m). The leg separation is effected with a divider housing. All individual cables are assembled using MTP<sup>®</sup> connectors with high-performance 12-fibre Elite<sup>®</sup> ferrules (MTP<sub>8</sub>/MTP<sub>24</sub> available on request). Standard connectivity methods can be type A or type C (other types available on request). The cables are fitted at both ends with protective sleeves.

### Applicazione

OS2 MTP-on-MTP Indoor cables are suitable for all high-performance applications with duplex and parallel optic signals in a data centre environment. They are particularly used when installation requires sturdy, metal-free indoor cables that provide enhanced crush resistance and rodent protection. For duplex applications, the pre-assembled connectors at either end of the cable are connected to the HD-DCS modules. The HD-DCS Indoor cables are assembled to a very high quality and guarantee optimum values for optical performance (IL/RL).

### Costruzione

Outer sheath colour	giallo
Outer sheath material	FR/LSZH

### Proprietà ottiche

Codice colore	IEC 60304
Connector gender side A	Male (pinned)
Connector gender side B	Male (pinned)
Connector type side A	MTP
Connector type side B	MTP
Connettore per lucidatura della ghiera A	Elite APC 8°
Connettore per lucidatura della ghiera B	Elite APC 8°
IL maximal, connettore A	0,3 dB
IL maximal, connettore B	0,3 dB
IL tipico, connettore A	0,1 dB
IL tipico, connettore B	0,1 dB
RL minimal, connector A	65 dB
RL minimal, connector B	65 dB
RL typical, connector A	70 dB
RL typical, connector B	70 dB

Tipologia di fibra E9/125 G.652.D BLO

## Proprietà meccaniche

Colore corpo connettore A giallo  
 Colore corpo connettore B giallo

## Scope of delivery

HD-DCS Indoor cables (FR/LS0H) with 12-144 fibres OS2.  
 High-performance connector assembly at either end with MTP Elite (male).  
 Sticker labelling at both cable ends.  
 Test reports on all MTP connectors.

## Standards

MTP standard (IEC) IEC 61754-7, IEC 61755-3-31, IEC 61755-3-32  
 Polarity standard TIA-568-C.3 Type A,B,C  
 Zero halogen no corrosive gases IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2  
 Flame Propagation EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2  
 Flame Spread IEC 60332-3-24  
 Smoke Density IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2

## Versions

Numero Materiale	Product	Outer sheath colour	Numero di fibre	Diametro esterno della guaina [mm]	Minimum bending radius	Tensile load short term [N]	Tensile load continuous [N]	Crush resistance short term [N]	Crush resistance continuous [N]
474040	HD-DCS Indoor cable 1x MTP - 1x MTP	giallo	12	5,9	120	3.000	1.000	4.000	1.200
474041	HD-DCS Indoor cable 2x MTP - 2x MTP	giallo	24	9,9	200	8.000	4.100	4.000	1.200
474042	HD-DCS Indoor cable 4x MTP - 4x MTP	giallo	48	9,9	200	8.000	4.100	4.000	1.200
474044	HD-DCS Indoor cable 8x MTP - 8x MTP	giallo	96	12,9	255	8.000	4.100	4.000	1.200
474045	HD-DCS Indoor cable 12x MTP - 12x MTP	giallo	144	15,8	320	8.000	4.100	4.000	1.200
474050	HD-DCS Indoor cable 1x MTP - 1x MTP	giallo	12	5,9	120	3.000	1.000	4.000	1.200
474051	HD-DCS Indoor cable 2x MTP - 2x MTP	giallo	24	9,9	200	8.000	4.100	4.000	1.200
474052	HD-DCS Indoor cable 4x MTP - 4x MTP	giallo	48	9,9	200	8.000	4.100	4.000	1.200
474054	HD-DCS Indoor cable 8x MTP - 8x MTP	giallo	96	12,9	255	8.000	4.100	4.000	1.200
474055	HD-DCS Indoor cable 12x MTP - 12x MTP	giallo	144	15,8	320	8.000	4.100	4.000	1.200

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