

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/LSOH cable sheath and 12 to 144 fibres.

OS2 versions with Euroclass D_{ca} are available (Euroclass C_{ca} or B2_{ca} 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® connectors with high-performance 12-fibre Elite® ferrules (MTP₈/MTP₂₄ 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.

Application

OS2 MTP-on-MTP Indoor cables are suitable for all high-performance applications with duplex and parallel optical 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).

Optical Properties

Fibre type	E9/125 G.652.D BLO
Colour code	IEC 60304
Connector type side A	MTP
Connector gender side A	male
Ferrule polishing connector A	Elite APC 8°
IL maximal, connector A	0.3 dB
IL typical, connector A	0.1 dB
RL minimal, connector A	65 dB
RL typical, connector A	70 dB
Connector type side B	MTP
Connector gender side B	male
Ferrule polishing connector B	Elite APC 8°
IL maximal, connector B	0.3 dB
IL typical, connector B	0.1 dB
RL minimal, connector B	65 dB
RL typical, connector B	70 dB

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

Flame propagation	IEC 60332-1-2
MTP standard (IEC)	IEC 61754-7, IEC 61755-3-31, IEC 61755-3-32
Polarity standard	TIA-568-C.3 Type A,B,C

Versions

<STEPTABLE O="STEP_PRODUCT_325083" OT="Product" TT="267772" VC="CTX_english" VO="935905" W="Approved" />

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