

## HD-DCS Fanout cables MTP-LCDU, 8 fibres OM4

for splitting 100G into 4x 25G or 40G into 4x 10G



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### Description

Thin, very flexible fibre-optic fanout cable (round cable, Ø 2.0 mm) with 8 fibres.  
Low fire load due to its halogen-free flame-retardant LS0H sheath.  
Available with 2.5 m standard length (other lengths on request).  
Standard connectivity method can be type A or type C.  
Sticker labelling at both cable ends.  
Breakout separation is effected with a thin divider housing.  
The legs (Ø 2.0 mm) with LCD Uniboot (LCDU) plugs are numbered (1-4).  
The legs can be ordered graded in length or of equal length.  
Project-specific assemblies are available on request.

### Application

MTP-on-LCDU fanout cables are suitable for all high-performance applications in a data centre environment.  
All well-known multimode and single-mode QSFP applications such as SR4, PSM4, PLR4 and FCp can be split into four duplex channels using this cable.  
The connectivity of this fanout cable splits one 4-channel parallel optical link into four duplex links (e.g. 100G into 4x 25G or 40G into 4x 10G).  
The fanout cables are assembled to a very high quality and guarantee optimum values for optical performance (IL/RL).

## Optical Properties

Fibre type	G50/125 OM4
Colour code	IEC 60304
Connector type side A	MTP
Connector gender side A	female
Ferrule polishing connector A	Elite PC 0°
IL maximal, connector A	0.25 dB
IL typical, connector A	0.15 dB
RL minimal, connector A	35 dB
RL typical, connector A	45 dB
Connector type side B	LCDU
Ferrule polishing connector B	PC 0°
IL maximal, connector B	0.25 dB
IL typical, connector B	0.15 dB
RL minimal, connector B	35 dB
RL typical, connector B	45 dB

## Scope of delivery

HD-DCS Fanout cables (FR/LSOH) with 8 fibres.  
 High-performance connector assembly with MTP Elite and LCD Uniboot Intelli-Cross Pro.  
 All connectors incl. push-pull tabs.  
 Sticker labelling at both cable ends.  
 Test reports (IL/RL) on all connectors.

## Standards

Flame propagation	IEC 60332-1-2
LC standard (IEC)	IEC 61754-20
MTP standard (IEC)	IEC 61754-7, IEC 61755-3-31, IEC 61755-3-32
Polarity standard	TIA-568-C.3 Type A,B,C

## Note

Insertion Loss (IL) is determined by the latest measurement methods under EFL multimode excitation conditions (EFL = Encircled Flux Launch) at 850 nm in accordance with IEC 61280-4-1.

## Versions

<STEPTABLE O="STEP\_PRODUCT\_325182" OT="Product" TT="267772" VC="CTX\_english" VO="935905" W="Approved" />

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