

## DCS fanout cable MTP-LCDU, 12 fibres OM4

for connecting active components



### Description

Thin, very flexible fibre-optic fanout cable (round cable, Ø 2.0 mm) with 12 fibres.  
Low fire load due to its halogen-free flame-retardant LS0H sheath.  
OM4 versions are 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 (1-6).  
The legs can be ordered graded in length or of equal length.  
Project-specific assemblies are available on request.

### Application

OM4 MTP-on-LCDU fanout cables are suitable for all high-performance applications in a data centre environment.  
The connection between six duplex ports and one parallel optic port enables quick and space-saving cabling of active components such as routers, switches, servers and storage systems.  
The fanout cables are assembled to a very high quality and guarantee optimum values for optical performance (IL/RL).

### General properties

Outer sheath colour	heather violet
Outer sheath material	FR/LSZH

## Optical Properties

Fibre type	G50/125 OM4
Colour code	IEC 60304
Connector type side A	MTP
Connector gender side A	Female (unpinned)
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

## Mechanical properties

Housing colour connector A	magenta
Housing colour connector B	magenta

## Scope of delivery

DCS fanout cable (FR/LS0H) with 12 fibres OM4.  
 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.

## Standards

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
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2
Flame propagation	IEC 60332-1-2, EN 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

## 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

Material number	Product	Number of Fibres	Length (m)	Polarity	Number of connectors side A	Number of connectors side B	Number of fibres per connector A	Number of fibres per connector B	Gradation	Weight [kg]	Packing unit	GTIN / EAN
473700	DCS fanout cable 1x MTP - 6x LCDU, equal length	12	2.5	A	1	6	12	2	equal length	0.06 kg	1 pc.	

Material number	Product	Number of Fibres	Length (m)	Polarity	Number of connectors side A	Number of connectors side B	Number of fibres per connector A	Number of fibres per connector B	Gradation	Weight [kg]	Packing unit	GTIN / EAN
473701	DCS fanout cable 1x MTP - 6x LCDU, graduated length	12	2.5	A	1	6	12	2	graduated length	0.06 kg	1 pc.	
473705	DCS fanout cable 1x MTP - 6x LCDU, equal length	12	2.5	C	1	6	12	2	equal length	0.06 kg	1 pc.	
473706	DCS fanout cable 1x MTP - 6x LCDU, graduated length	12	2.5	C	1	6	12	2	graduated length	0.06 kg	1 pc.	

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Subject to technical modification

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