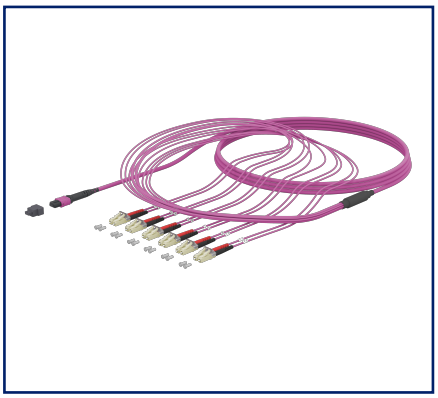
Data sheet

OpDAT cable fanout 1xMTP-F/6xLC-D OM4

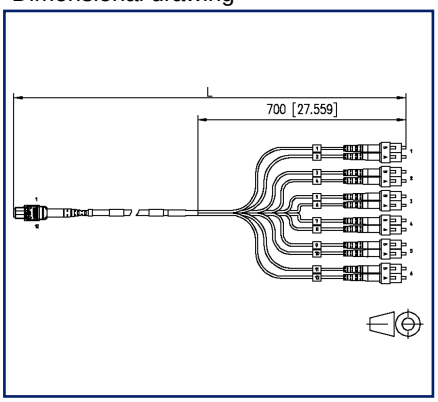
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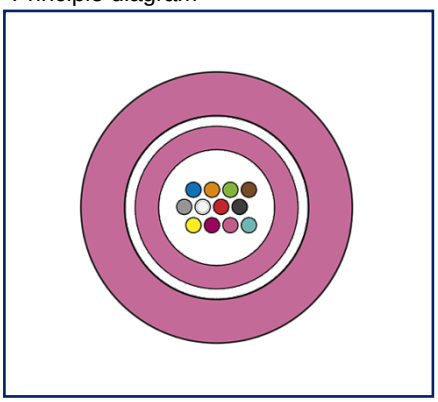
Illustrations



Dimensional drawing



Principle diagram



See enlarged drawings at the end of document

Product specification

- Cable fanout with 12 MM fibers, assembled with one MPO/MTP® connector and 6 LC-duplex connectors.
- Plastic divider as transition to fanout, consisting of individual cables with Ø 3 mm, length 0.7 m
- Female connector (without pins).
- Available in the assignment variant polarity A or B.
- A insertion aid incl. fastening set is optionally available on the MTP side.
- Suitable for transmissions of e.g. 100 Gbit/s (depending on transceiver technology).
- Cable with aramid yarn, suitable for indoor applications.
- Diameter available in Ø 4.5 mm
- UV stabilized, flame retardant and halogen free.
- Fibre type: Bend-resistant multimode fibre, G50/125µm, OM4 (IEC 11801), IEC 60793-2-10 A1a.3, ITU-T G.651.1.
- 100 % tested for insertion loss, return loss and end face geometry
- all fanouts with serial number, barcode and measurement protocol
- all available variants can be created with the MTP® configurator
- MTP® is a registered trademark of US Conec Ltd., USA

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OpDAT cable fanout 1xMTP-F/6xLC-D OM4

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Technical Data

General Data

Fields of application	office areas data center
Mechanical measurement according to MICE	M1
Ingress measurement according to MICE	I1
Climatic measurement according to MICE	C1
Electromagnetic measurement according to MICE	E3
Transmission technology	Fiber optic
Wiring	Polarity A or B
Color	violet
Color coding fiber/ wire(s)	EIA/TIA 598
Mode type of the fiber	Multimode
Fiber class	OM4
Fiber standard	IEC 60793-2 A1a.3
Cable Type	MPO/MTP® cable
Number of cables/ buffered fibers	1
Number of fibres each cable/ wire	12
Fiber construction	50/125 µm
Minimum length	2 m
Minimum length	6.56 ft
Maximum length	269 m
Maximum length	882.55 ft

Connections/interfaces

Connector technology interface 1	MPO/MTP®
Connector technology interface 2	LC-D
Number of ports interface 1	1
Number of ports interface 2	6
Fiber core diameter	50 µm
Cable sheath diameter (min. - max.)	
Cable sheath diameter	4.5 mm
Core-/ Fiber cladding diameter	2 mm

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OpDAT cable fanout 1xMTP-F/6xLC-D OM4

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Technical Data

Optical characteristics	
Insertion loss	max. 0,35 dB
Return loss	min. 35 dB
Mechanical data	
Minimum bending radius	67.5 mm
Bending radius with load	min. 90 mm
Maximum operating bending radius	min. 67.5 mm
Materials and material properties	
Flame retardancy	yes
Halogen free	yes
RoHS	compliant
Standards/Regulations	
Fibre optic connector interfaces	IEC 61754-7
Optical fibers: Product specifications	
Sectional specification for category A1 multimode fibres	ISO/IEC 60793-2-10 (A1a.3)
ITU-T standard	G.651.1
Classifications	
ETIM 7.0	EC002700
ETIM 8.0	EC002700
ETIM 9.0	EC002700
ETIM 10.0	EC002700
Packing details	
Type of packaging	1 pc(s) / box

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.

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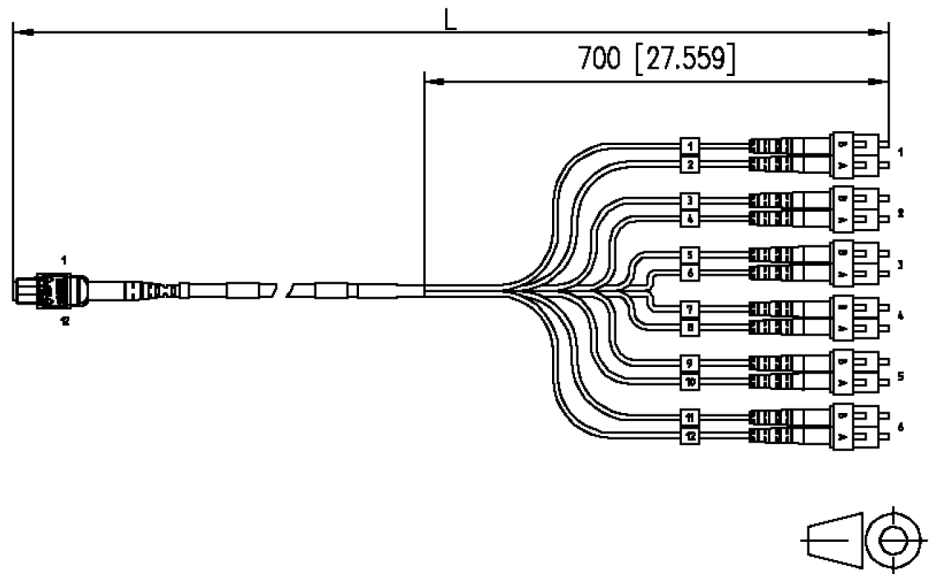
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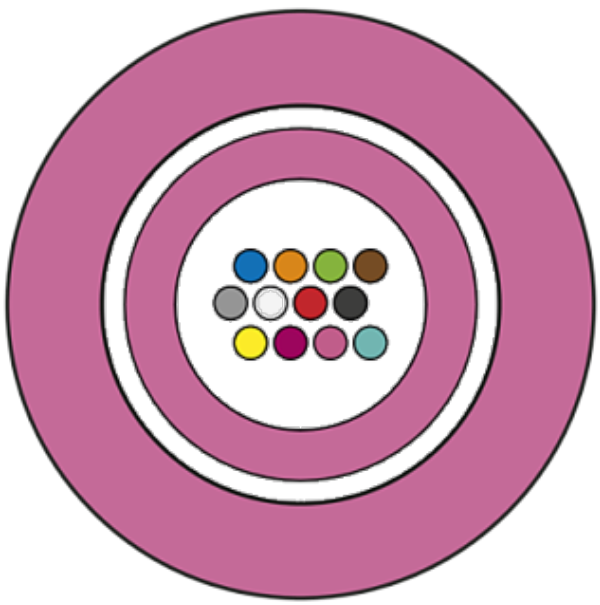
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Illustrations

Dimensional drawing



Principle diagram



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