

P | Cabling

Data sheet

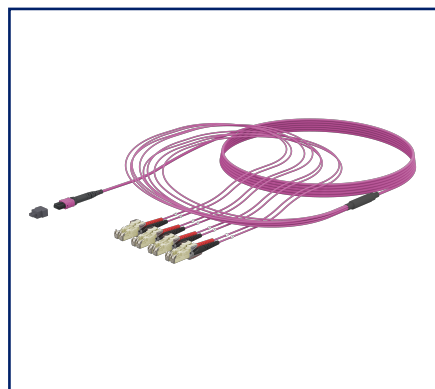
OpDAT cable fanout 1xMTP-F/4xE2000-D OM4

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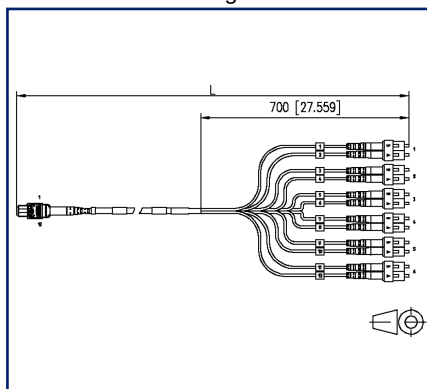
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2023/10/04

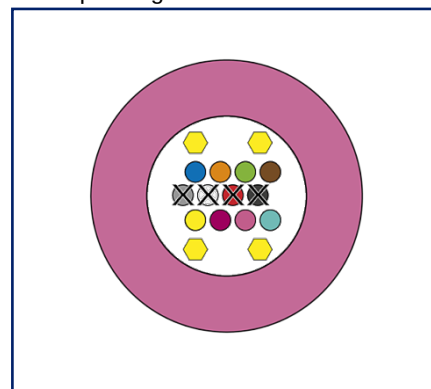
Illustrations



Dimensional drawing



Principle diagram



See enlarged drawings at the end of document

Product specification

- Cable fanout with 8 MM fibers, assembled with one MPO/MTP® connector and 4 E2000-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 3.0 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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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	8
Fiber construction	50/125 µm
Minimum length	2 m
Maximum length	269 m

Connections/interfaces

Connector technology interface 1	MPO/MTP®
Connector technology interface 2	E2000-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	3 mm
Core-/ Fiber cladding diameter	2 mm

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Technical Data

Optical characteristics

Insertion loss	max. 0,35 dB
Return loss	min. 35 dB

Mechanical data

Minimum bending radius	45 mm
Bending radius with load	min. 60 mm
Maximum operating bending radius	min. 45 mm

Materials and material properties

Flame retardancy	yes
Halogen free	yes
RoHS	compliant

Standards/Regulations

Generic cabling systems	
General requirements	ISO/IEC 11801 cat. OM4
Fibre optic connector interfaces	IEC 61754-7
Optical fibers: Product specifications	
Sectional specification for category A1 multimode fibres	ISO/IEC 60793-2-10 (A1a.2)
ITU-T standard	G.651.1

Classifications

ETIM 7.0	EC002700
ETIM 8.0	EC002700
ETIM 9.0	EC002700

Packing details

Type of packaging	1 pc(s) / box
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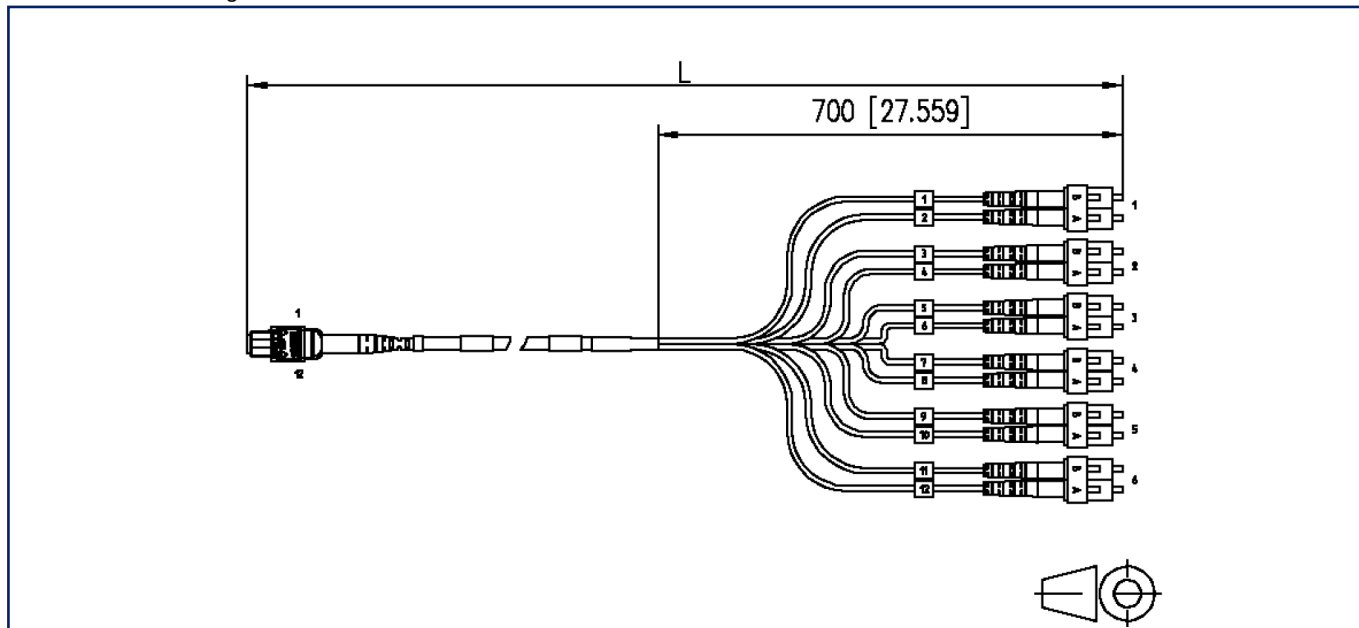
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