

P | Cabling

Data sheet

OpDAT Ader-Fanout MTP-M/8xLC-S APC OS2 0.3 m

Page 1/4

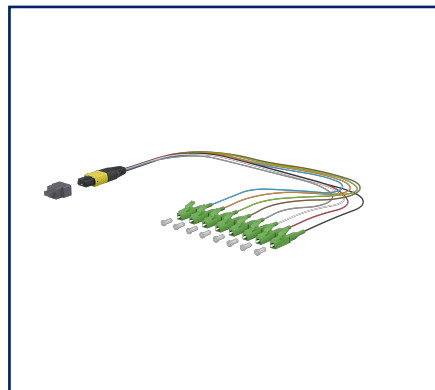
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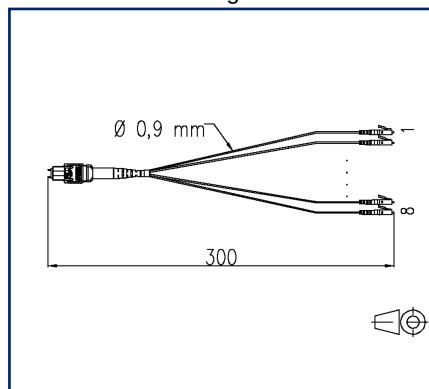
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2023/07/10

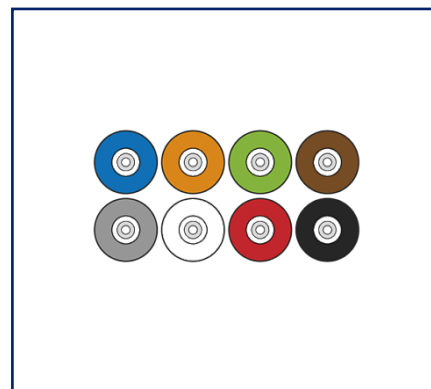
Illustrations



Dimensional drawing



Prinzipbild



See enlarged drawings at the end of document

Product specification

- Wire fanout with 8 SM fibers, assembled with one MPO/MTP® connector and 8 LC-APC-simplex connectors.
- Male connector (with pins) as standard. Variants with female connector (without pins) are possible.
- available in assignment variants polarity A
- suitable for transmissions of e.g. 100 Gbit/s (depending on transceiver technology)
- wire diameter Ø 0.9 mm, color-coded according to TIA/EIA 598
- Fiber type: Single mode fiber, E9/125 µm, OS2 (IEC 11801), IEC 60793-2-50 B.1.3 and B.6_a, bend insensitive according to ITU-T G.657.A1, compatible to ITU-T G.652.D.
- 100 % tested for insertion loss, return loss and end face geometry
- all patch cords are provided 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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Page 2/4

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Technical Data

General Data

Fields of application	data center structured building cabling
Design	Wire Fanout
Transmission technology	Fiber optic
Wiring	Polarity A
Color	yellow
Color coding fiber/ wire(s)	EIA/TIA 598
Mode type of the fiber	Singlemode
Fiber class	OS2
Cable Type	Wire Fanout
Number of cables/ buffered fibers	8
Shape	APC (Angled Physical Contact)
Fiber construction	9/125 µm
Cable length (m)	0.3 m

Connections/interfaces

Connector technology interface 1	MPO/MTP® Pol.A
Connector technology interface 2	LC APC
Core-/ Fiber cladding diameter	900

Optical characteristics

Insertion loss	max. 0,35 dB
Return loss	min. 60 dB

Materials and material properties

RoHS	compliant
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Standards/Regulations

Generic cabling systems	
General requirements	ISO/IEC 11801 cat. OS2
Fibre optic connector interfaces	IEC 61754-7
ITU-T standard	ITU-T G.657.A1 compatible with ITU-T G.652.D



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Data sheet

Page 3/4

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Technical Data

Classifications

ETIM 7.0	EC000748
ETIM 8.0	EC000748
ETIM 9.0	EC000748

Packing details

Type of packaging	1 pc(s) / plastic bag
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Page 4/4

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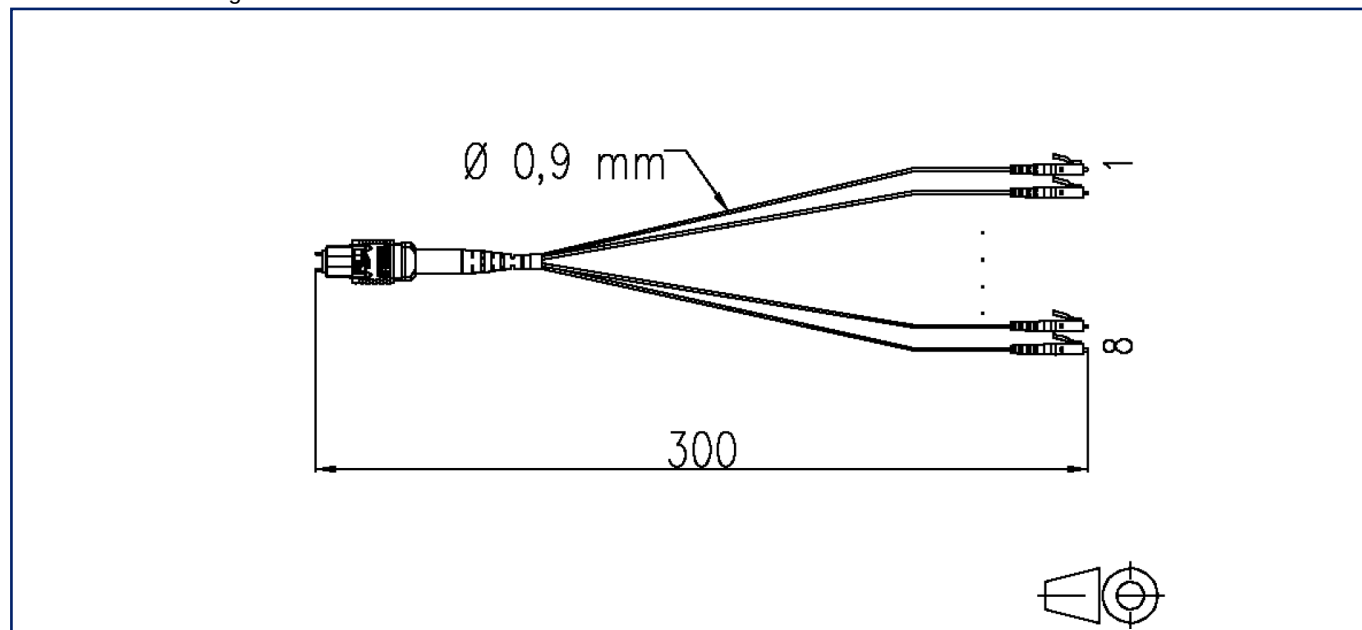
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