

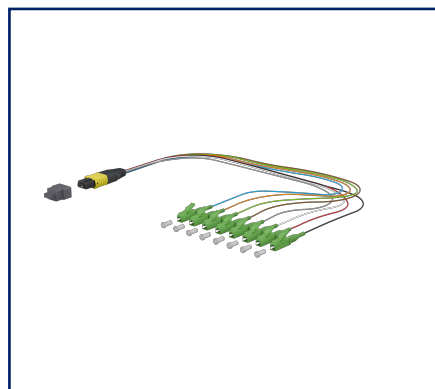
# Data sheet

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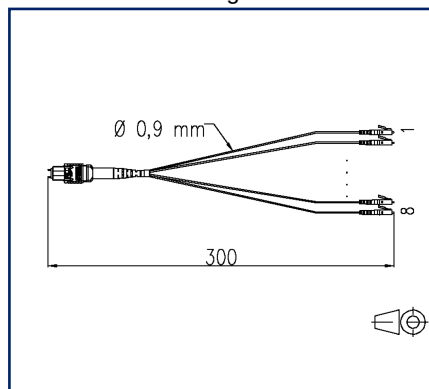
## OpDAT wire Fanout MTP-M/8xLC-S APC OS2 0.3 m

P/N  
151P48MJA003A  
EAN 4251394659367  
2026/09/22  
Version: D

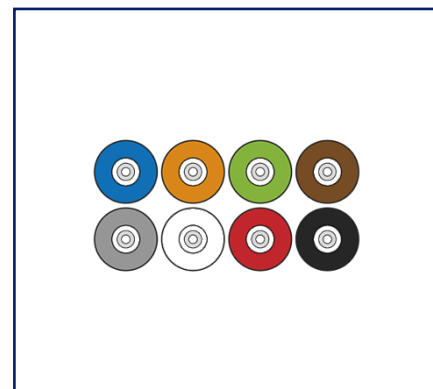
### Illustrations



Dimensional drawing



Prinzbild



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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## Technical Data

### General Data

|                                   |                                            |
|-----------------------------------|--------------------------------------------|
| Fields of application             | data center<br>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® |
| 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 |
|------|-----------|

### 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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#### Classifications

|           |          |
|-----------|----------|
| ETIM 7.0  | EC000748 |
| ETIM 8.0  | EC000748 |
| ETIM 9.0  | EC000748 |
| ETIM 10.0 | EC000748 |

#### Packing details

|                   |                       |
|-------------------|-----------------------|
| Type of packaging | 1 pc(s) / plastic bag |
|-------------------|-----------------------|

#### 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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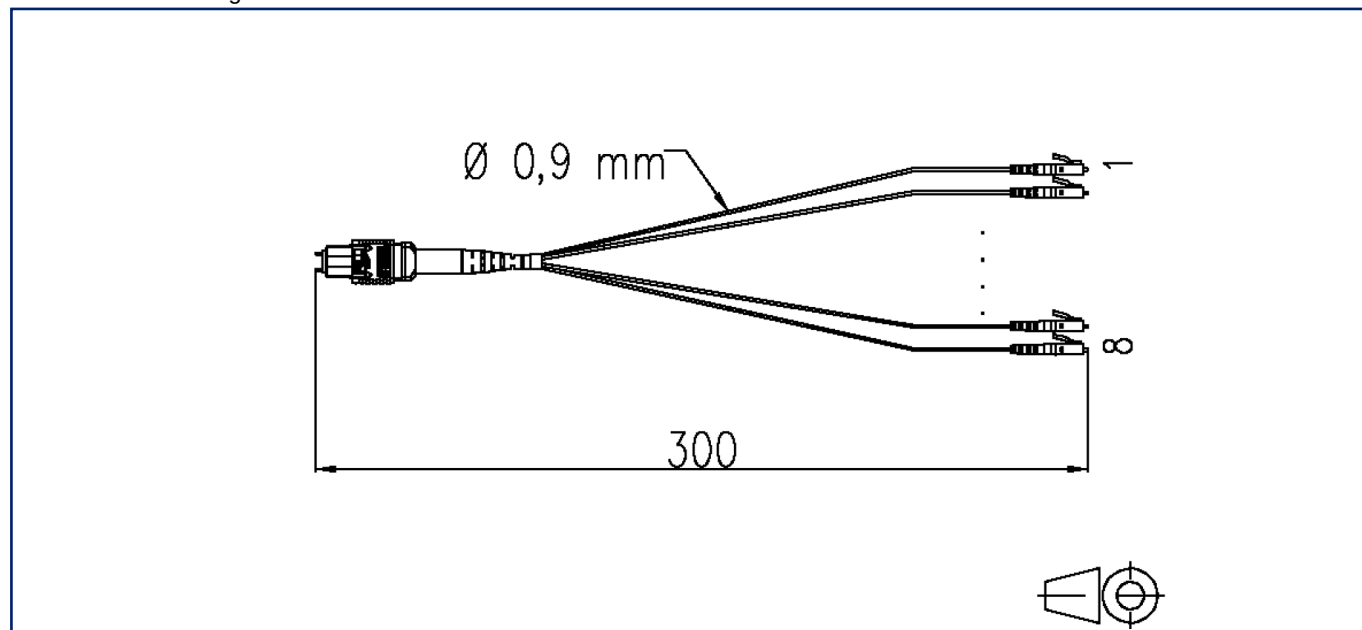
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