

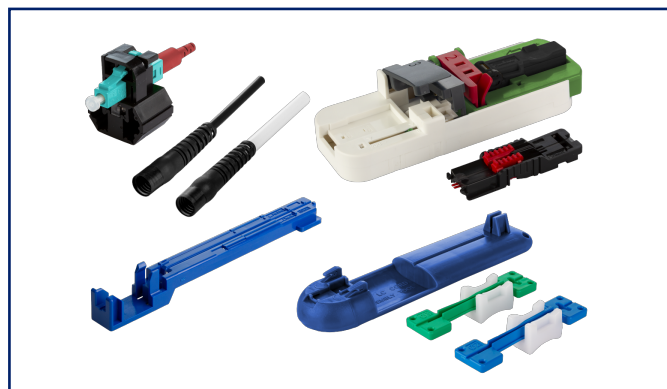
# Data sheet

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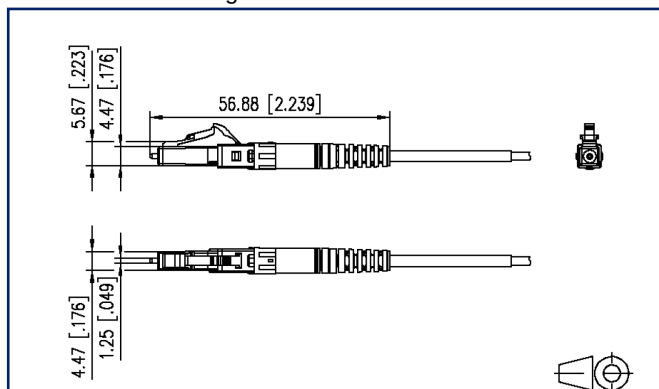
## OpDAT FAST™ Hybrid connector kit LC PC OM3/OM4 20 pieces for cables incl. tool

P/N  
1509MKJO002C-E  
EAN 4251394676555  
2026/08/25  
Version: F

### Illustrations



Dimensional drawing



See enlarged drawings at the end of document

### Product specification

- Field-attachable fiber optic connector for multimode technology
- With hybrid technology: refractive index gel plus Opto-Elast guarantee very good and constant optical values.
- No polishing, no gluing during assembly on site.
- Simple, easy to learn, fast and cost-effective installation in less than two minutes.
- Available with connector types LC and SC.
- Lug kits for FO fibers with Ø 0.25 and Ø 0.9 mm
- Plug kits for fibre optic cables with Ø 2.0 and Ø 3.0 mm
- The plug can be assembled up to three times.
- Every plug has a serial number, so that traceability is possible at any time.
- Included in the scope of delivery depending on the variant:
- A maintenance-free cutting device (cleaver), designed for a diagonal cut. The cleaver can be used up to 200 times.
- A cable assembly kit for easy cable assembly
- A fiber guide for easy insertion of the fiber into the connector
- Fields of application: for FTTH and FITH connections, repairs in the field and in areas which are difficult to access or limited in space and for direct mounting to components
- Versions for fibers: 10 pieces without tools / 20 or 100 pieces with Cleaver and fibre guide
- Variants for cables: 10 pieces without tools / 20 or 100 pieces with Cleaver, cable assembly set and fibre guide



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## Technical Data

### General Data

|                         |                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Fields of application   | structured building cabling<br>Consolidation points<br>office areas<br>fiber to the desk<br>Distributed building services<br>data center |
| Design                  | plug, field assembly                                                                                                                     |
| Transmission technology | Fiber optic                                                                                                                              |
| Color                   | aqua                                                                                                                                     |
| Dimensions              |                                                                                                                                          |
| Dimension (L x W x H)   | 57 mm x 4.47 mm x 4.47 mm                                                                                                                |
| Dimension (L x W x H)   | 2.244 in. x 0.176 in. x 0.176 in.                                                                                                        |
| Mode type of the fiber  | Multimode                                                                                                                                |
| Shape                   | PC (Physical Contact)                                                                                                                    |

### Connections/interfaces

|                                     |      |
|-------------------------------------|------|
| Single fibre diameter (min. - max.) |      |
| Single fibre diameter               | 3 mm |
| Cable access/outlet                 | 180° |
| Connector interfaces                | LC   |

### Electrical characteristics

|                |                |
|----------------|----------------|
| Insertion loss | 0,2 bis 0,4 dB |
| Return loss    | min. 35 dB     |

### Mechanical data

|                                |                  |
|--------------------------------|------------------|
| Connector type                 | simplex          |
| Mounting method                | snap-in function |
| Life - Number of mating cycles | min. 500         |

### Materials and material properties

|                            |                                             |
|----------------------------|---------------------------------------------|
| Material - Housing         | Plastics                                    |
| Material - Cable boot      | elastomer, flame-retardant and halogen free |
| Material - Ferrule         | Ceramic                                     |
| Material - Dust protection | elastomer, flame-retardant and halogen free |
| Halogen free               | yes                                         |



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## Technical Data

### Environmental conditions

Temperature (min. - max.)

|                            |                 |
|----------------------------|-----------------|
| Temperature - Storage °C   | -25 °C - 70 °C  |
| Temperature - Storage °F   | -13 °F - 158 °F |
| Temperature - Operating °C | -25 °C - 70 °C  |
| Temperature - Operating °F | -13 °F - 158 °F |

### Standards/Regulations

|                                  |                   |
|----------------------------------|-------------------|
| FO connector interfaces          | IEC 61754-20      |
| Fibre optic connector interfaces | LC - IEC 61754-20 |

### Classifications

|           |          |
|-----------|----------|
| ETIM 8.0  | EC001122 |
| ETIM 9.0  | EC001122 |
| ETIM 10.0 | EC001122 |

### Packing details

|                   |                |
|-------------------|----------------|
| Type of packaging | 20 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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## Accessories

| P/N         | Designation          |
|-------------|----------------------|
| 150800200-E | Fibre optic tool Bag |



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