

## Data sheet

### OpDAT pre-assembled splice tray 12xSC UPC OS2

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P/N

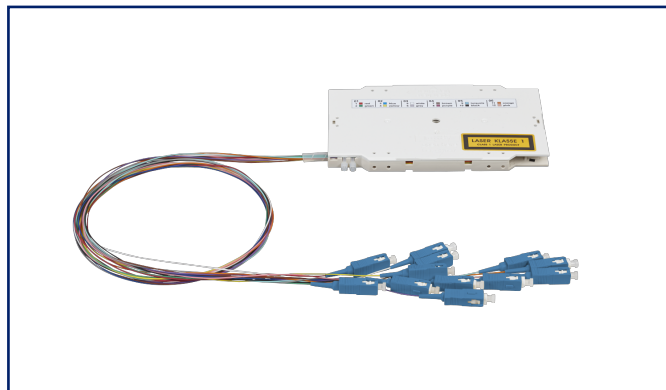
150929EO00-E

EAN 4250184174424

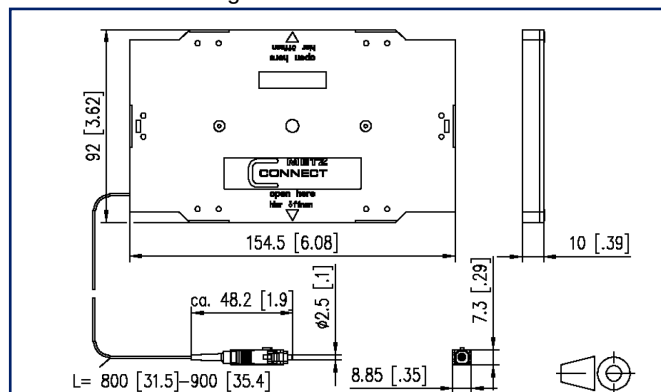
2023/06/01

Version: AH

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- pre-assembled splice tray equipped with 12 pigtailed with SC plugs
- suitable to be mounted in the following fiber optic patch panels: OpDAT fix, OpDAT slide, OpDAT PF and OpDAT PA
- standard splice tray (154.50 x 92 x 10 mm) equipped with crimp splice holder and cover
- 12 semi-tight buffer pigtailed inserted and stripped
- assorted pigtail colors according to IEC 60304, primary and secondary coating in the same color
- with test report, insertion loss and return loss tested at 100 %
- lengths of the pigtailed starting from tray are layered between 80 and 90 cm
- variants: available with fiber types OS2, OM5, OM4, OM3



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### Technical Data

| General Data                                  |                                   |
|-----------------------------------------------|-----------------------------------|
| Fields of application                         | 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                                |
| Design                                        | pre-assembled splice tray         |
| Transmission technology                       | Fiber optic                       |
| Color                                         | blue                              |
| Dimensions                                    |                                   |
| Dimension (L x W x H)                         | 92 mm x 154.5 mm x 10 mm          |
| Dimension (L x W x H)                         | 3.622 in. x 6.083 in. x 0.394 in. |
| Mode type of the fiber                        | Singlemode                        |
| Fiber class                                   | OS2                               |
| Fiber standard                                | ITU-T G.657.A                     |
| Cable Type                                    | pigtail(s)                        |
| Number of cables/ buffered fibers             | 12                                |
| Number of fibres each cable/ wire             | 1                                 |
| Shape                                         | UPC (Ultra Physical Contact)      |
| Fiber construction                            | 9/125 µm                          |
| Minimum length                                | 0.8 m                             |
| Minimum length                                | 2.62 ft                           |
| Maximum length                                | 0.9 m                             |
| Maximum length                                | 2.95 ft                           |

| Connections/interfaces           |        |
|----------------------------------|--------|
| Connector technology interface 2 | SC UPC |

| Optical characteristics |             |
|-------------------------|-------------|
| Insertion loss          | max. 0,3 dB |
| Return loss             | min. 50 dB  |

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### Technical Data

#### Mechanical data

|                |         |
|----------------|---------|
| Connector type | simplex |
|----------------|---------|

#### Materials and material properties

|                            |           |
|----------------------------|-----------|
| Material - Coupler housing | Plastics  |
| Material - Housing         | ABS       |
| Halogen free               | yes       |
| RoHS                       | compliant |

#### Standards/Regulations

|                                                                                                    |                                              |
|----------------------------------------------------------------------------------------------------|----------------------------------------------|
| Generic cabling systems                                                                            |                                              |
| General requirements                                                                               | ISO/IEC 11801                                |
| Fibre optic connector interfaces                                                                   | IEC 61754-4                                  |
| Optical fibers: Indoor optical cables                                                              |                                              |
| Sectional specification for class B single-mode fibres                                             | ISO/IEC 60793-2-50 type B.1.3 & B6_a         |
| Optical fibers - Interconnecting devices and passive components - basic test and measuring methods |                                              |
| Fibre optic interconnecting devices and passive components                                         | IEC 61300-3-4   IEC 61300-3-6                |
| Standard colours for insulation for low-frequency cables & wires                                   | IEC 60304                                    |
| ITU-T standard                                                                                     | ITU-T G.657.A1 compatible with ITU-T G.652.D |

#### Classifications

|          |          |
|----------|----------|
| ETIM 5.0 | EC001130 |
| ETIM 6.0 | EC001130 |
| ETIM 7.0 | EC000762 |
| ETIM 8.0 | EC000762 |
| ETIM 9.0 | EC000762 |

#### Packing details

|                                 |                                    |
|---------------------------------|------------------------------------|
| Type of packaging               | 1 pc(s) / box                      |
| Packaging unit - Weight (gram)  | 127 g                              |
| Packaging unit - Weight (pound) | 0.28 lb                            |
| Packaging dimension             | 258 mm x 164 mm x 51 mm            |
| Packaging dimension             | 10.157 in. x 6.457 in. x 2.008 in. |

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### Accessories from

| P/N          | Designation                                                    |
|--------------|----------------------------------------------------------------|
| 1502000200-E | OpDAT PF 1HE Patchfeld festeinbau für 24xSC/LC-D, unbestückt   |
| 1502005200-E | OpDAT PF patch panel for 12xSC-Duplex/LC-Q/ST-Duplex           |
| 1502007300-E | OpDAT PF patch panel for 24xLC-Duplex/SC-Simplex/E2000-Simplex |
| 1502200200-E | OpDAT PA patch panel unequipped for 24xLC-D/SC-S/E2000, gray   |
| 1502205200-E | OpDAT PA patch panel for 12xSC-Duplex/LC-Quad/ST-Duplex        |
| 1502507300-E | OpDAT fix patch panel for 24xLC-Duplex/SC-Simplex/E2000        |
| 150250B200-E | OpDAT fix patch panel for 24xSC-Duplex/LC-Quad/ST-Duplex       |

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