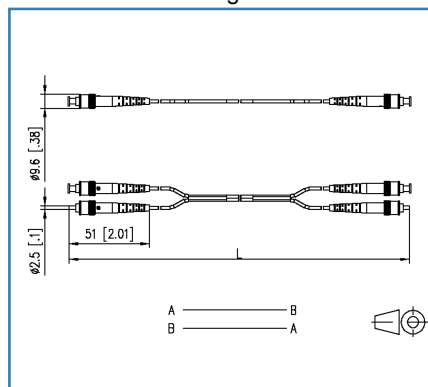
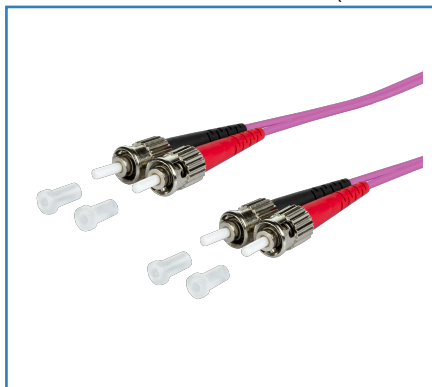


Data sheet

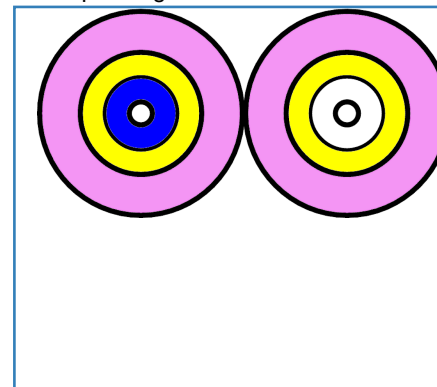
OpDAT patch cord 2xST/2xST OM4

Illustrations

Produktbild 151S1AOAOXXE (OM4 - 2xST Dimensional drawing



Principle diagram



See enlarged drawings at the end of document

Product specification

- multi mode patch cord I-V(ZN)H 50/125 OM4
- laser-optimized, bend insensitive multimode fiber OM4, G50/125 µm according to IEC 60793-2-10 type A1a.3
- outer diameter 2.0 x 4.2 mm
- halogen-free LSHF-FR sheath with low smoke development, flame retardant
- duplex cord as zipcord (figure 8) with two tight buffered cables and aramide strain relief
- 100 % tested
- maximum length: 20 m

- all available variants can be created with the cable configurator



Technical Data

General Data

| | |
|-------------------------------------|---|
| Fields of application | Office Data center |
| Design | Patch cords |
| Transmission technology | Fiber optic |
| Wiring | crossed |
| Color | violet |
| Dimensions | |
| Dimension - Interface 1 (L x W x H) | 51.00 x 9.60 x 9.60 mm |
| Dimension - Interface 1 (L x W x H) | 2.008 x 0.378 x 0.378 in. |
| Dimension - Interface 2 (L x W x H) | 51.00 x 9.60 x 9.60 mm |
| Dimension - Interface 2 (L x W x H) | 2.008 x 0.378 x 0.378 in. |
| Mode type of the fiber | Multimode |
| Fiber class | OM4: ISO/IEC 11801/EN 50173 & IEC 60793-2-10/EN 60793-2-10 A1.a.3 |
| Number of cables/ cores | 2 |
| Fiber construction | 50/125 µm |
| Minimum length | 0.50 m |
| Minimum length | 1.64 ft |
| Maximum length | 20.00 m |
| Weight | 8.0 kg/km |

Connections/interfaces

| | |
|----------------------------------|-----------|
| Connector technology interface 1 | ST |
| Connector technology interface 2 | ST |
| Ferrule diameter | 2.50 mm |
| Ferrule diameter | 0.098 in. |

Optical characteristics

| | |
|----------------|-------------|
| Insertion loss | max. 0.4 dB |
| Return loss | min. 35 dB |



Technical Data

Mechanical characteristics

| | |
|---------------------------|----------------|
| strain relief | aramide fibres |
| Maximum installation load | 15.00 mm |
| Maximum installation load | 0.591 in. |

Materials and material properties

| | |
|--------------------|-----|
| Bend insensitivity | yes |
| Flame retardancy | yes |
| Halogen free | yes |

Environmental conditions

| | |
|-------------------------------|-------------|
| Temperature (min. - max.) | |
| Temperature - Storage °C | -10 - 60 °C |
| Temperature - Storage °F | 14 - 140 °F |
| Temperature - Operating °C | -10 - 60 °C |
| Temperature - Operating °F | 14 - 140 °F |
| Temperature - Installation °C | -10 - 60 °C |
| Temperature - Installation °F | 14 - 140 °F |

Approvals

| | |
|------|-----------|
| RoHS | compliant |
|------|-----------|

The product meets the following standards

| | |
|--|-------------------------------|
| Generic cabling systems | |
| General requirements | ISO/IEC 11801 |
| Fibre optic connector interfaces | IEC 61754-2 |
| Optical fibers: Product specifications | |
| Sectional specification for category A1 multimode fibres | ISO/IEC 60793-2-10 (A1a.3) |
| 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 |
| Test on gases evolved during combustion of materials from cables | |
| Determination of acidity (by measuring the pH value) and conductivity | IEC 60754-2 |



Technical Data

The product meets the following standards

Tests on electric and optical fibre cables under fire conditions

| | |
|--|--------------------|
| Test for vertical flame propagation for a single insulated wire or cable | IEC 60332-1 |
| Test for vertical flame spread of vertically-mounted bunched wires or cables | ISO/IEC 60332-3-24 |
| Measurement of smoke density of cables burning | ISO/IEC 61034 |
| ITU-T standard | G.651.1 |

Classifications

| | |
|----------|----------|
| ETIM 6.0 | EC001263 |
|----------|----------|

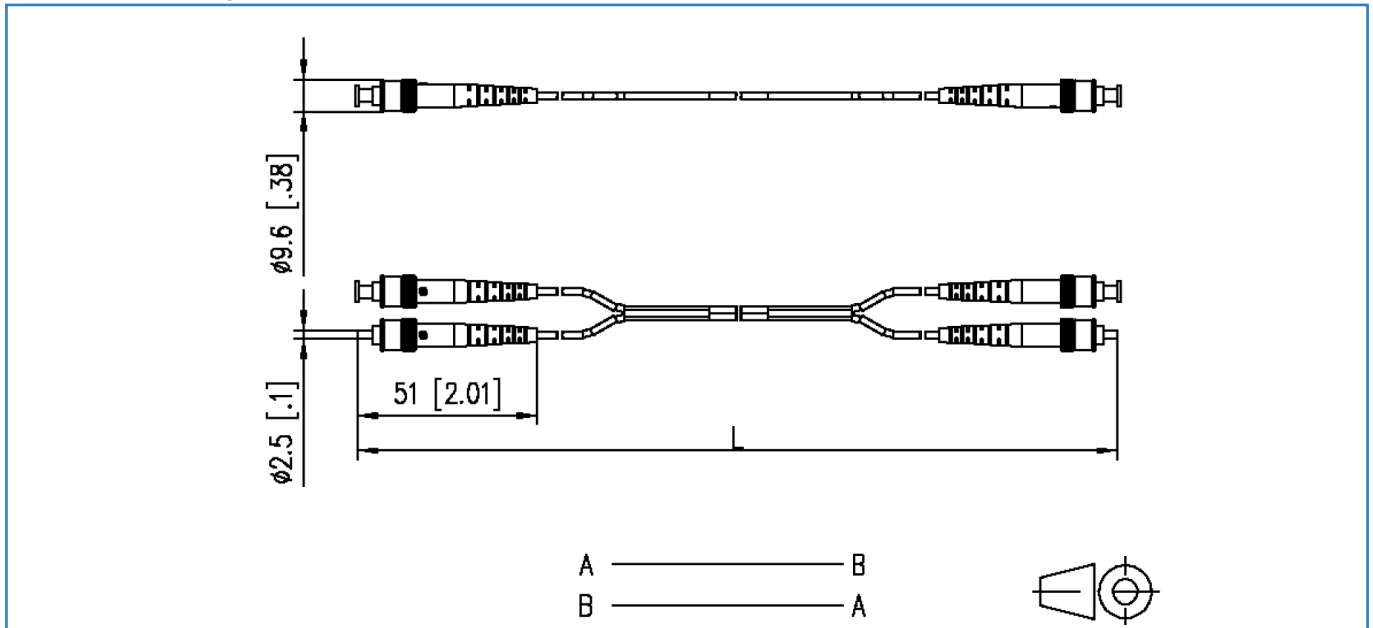
Packing details

| | |
|---------------------------------|-----------------------------|
| Type of packaging | 1 pc(s) / plastic bag |
| Packaging dimension (W x H x D) | 160.00 x 100.00 x 380.00 mm |
| Packaging dimension (W x H x D) | 6.299 x 3.937 x 14.961 in. |



Illustrations

Dimensional drawing



Principle diagram

