

# DATASHEET

Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 1m



## General data

Fiber jumper are well defined components in international standard of structured cabling ISO/IEC11801. Due to many different network protocols created in the last 25 years , also a wide range of connectors had been developed. Some of them are still important today: LC, SC, E2000®, MPO/MTP.

Fiber jumper (patchcord) are defined as shortest connection between passive interface and active deviceport, regarding structured cabling standard. Rating of performance, known as category, as well as performance of total transmission channel, known as link class, Similar descriptions for patchcords: Connection cable, drop cable, adapter cable, interconnecting cord, Jumper

## Features of EFB fiber optic patch cables

Tension relief reinforced with aramid yarn

Halogen-free and flame-retardant sheath according to IEC-60754-2, IEC-60332-1 and IEC-61034

EFB fiber optic connectors meet the minimum quality class Grade B/2 according to IEC-61753-1 for singlemode and Grade A/1 for multimode according to IEC 61753-122-2 (UPC cut)

100% tested and with individual measurement report

## Allgemeine Daten

|                      |          |
|----------------------|----------|
| Insertion loss 850nm | < 0.3 dB |
| APC version          | False    |
| Number of fibres     | 2        |
| Jacket Material      | LSZH     |

## General data

|                     |        |
|---------------------|--------|
| Colour outer sheath | orange |
|---------------------|--------|

This datasheet was created automatically on 27-08-2024 . Technical changes reserved.



# DATASHEET

Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 1m

|                  |                 |
|------------------|-----------------|
| Halogen free     | acc. IEC60754-1 |
| Cable type       | I-V(ZN) H       |
| Anti-kink sleeve | put-on          |
| Category         | OM1             |

## Mechanical characteristics

|                               |        |
|-------------------------------|--------|
| Min. Bending radius (Dynamic) | 20xOD  |
| Cable Ø                       | 3.0 mm |
| Max. Tension                  | 160 N  |
| Min. Bending radius (Static)  | 10xOD  |

## Cable construction

|                    |        |
|--------------------|--------|
| Cable Construction | Duplex |
|--------------------|--------|

## Kabelaufbau

|                                |                     |
|--------------------------------|---------------------|
| Type of connector connection 2 | ST                  |
| Type of connector connection 1 | ST                  |
| Fibre type                     | Multi mode 62.5/125 |

## Cable sheath

|                                          |                           |
|------------------------------------------|---------------------------|
| Flame retardant                          | According to EN 50265-2-1 |
| Halogen free (according to EN 50267-2-3) | True                      |
| Low smoke                                | acc. IEC61034-1           |

## Umgebungsbedingungen

|                       |             |
|-----------------------|-------------|
| Storage Temperature   | -20 - 85 °C |
| Operating Temperature | -20 - 75 °C |

## Übertragungstechnische Eigenschaften

|                         |                                  |
|-------------------------|----------------------------------|
| Quality class Multimode | A/1 according to IEC-61753-222-2 |
|-------------------------|----------------------------------|

## Normen, Zulassungen, Zertifizierungen

|                           |             |
|---------------------------|-------------|
| Cable Conform to Standard | IEC 60793-2 |
|---------------------------|-------------|

This datasheet was created automatically on 27-08-2024 . Technical changes reserved.



# DATASHEET

## Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 1m

### Standards, approvals, certifications

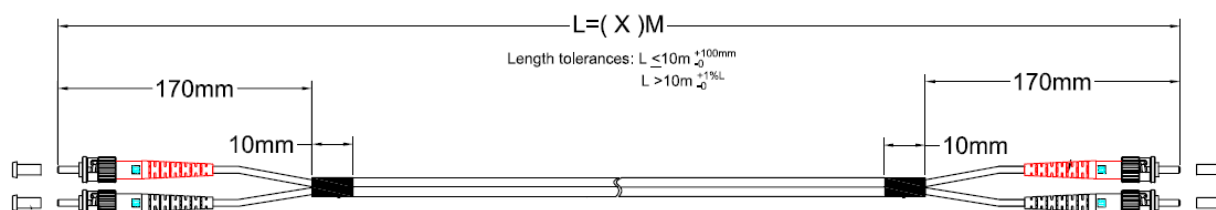
Connector Conform to Standard

IEC 61754-2

### Available variants

| ArtNr.    | Bezeichnung                                                   | Length | Längentoleranz |
|-----------|---------------------------------------------------------------|--------|----------------|
| O6023.0,5 | Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 0.5m | 0.5 m  | ±5 %           |
| O6023.1   | Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 1m   | 1.0 m  | ±5 %           |
| O6023.2   | Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 2m   | 2.0 m  | ±5 %           |
| O6023.3   | Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 3m   | 3.0 m  | ±5 %           |
| O6023.5   | Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 5m   | 5.0 m  | ±5 %           |
| O6023.7,5 | Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 7.5m | 7.5 m  | ±5 %           |
| O6023.10  | Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 10m  | 10.0 m | ±5 %           |
| O6023.15  | Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 15m  | 15.0 m | ±5 %           |
| O6023.20  | Duplex Jumper ST-ST 62,5/125μ, OM1, LSZH, orange, 3.0mm, 20m  | 20.0 m | ±5 %           |

### Drawings



This datasheet was created automatically on 27-08-2024 . Technical changes reserved.