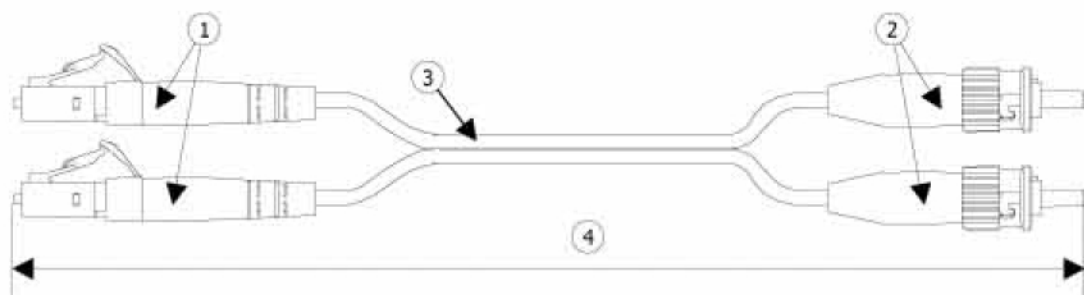


## Jumper, LC-ST, MM-50/125µm, Duplex, LSZH, O.D.=1.8mm\*2, 2Meters



CROSS OVER

| Item | Description                        | Qty |
|------|------------------------------------|-----|
| ①    | LC Duplex connector                | 1   |
| ②    | ST Simplex connector               | 2   |
| ③    | 1.8mm, Duplex, MM-50/125, FO Cable |     |
| ④    | Length of Jumper (meter)           | 2   |

The performance of the patchcords has been carefully designed to meet the toughest Telcordia standards

**EIA-455, GR-326-CORE**

in the tests of:

- OPTICAL CHARACTERISTICS
- VIBRATION TEST
- THERMAL CYCLING
- IMPACT RESISTANCE
- SALT SPRAY EROSION
- THERMAL AGING
- HUMIDITY RESISTANCE
- OTHERS

| LEFT CONN. | RIGHT CONN. |
|------------|-------------|
| Ring #1    | Ring #2     |
| Ring #2    | Ring #1     |

### Patchcord Specification

| Technical Data             | LC-ST Duplex Jumper Multimode |
|----------------------------|-------------------------------|
| Typical Insertion Loss     | 0.15dB                        |
| Maximum Insertion Loss     | 0.3dB                         |
| Fiber Type                 | Multimode 50/125µm            |
| Buffer Diameter, µm        | 900                           |
| Cable Outside Diameter, mm | 1.8                           |
| Type of Cable              | LSZH, Duplex                  |
| Length of Cable            | 2 meters                      |
| Operating Temperature      | -40 degC / +75 degC           |
| Storage Temperature        | -55 degC / +85 degC           |



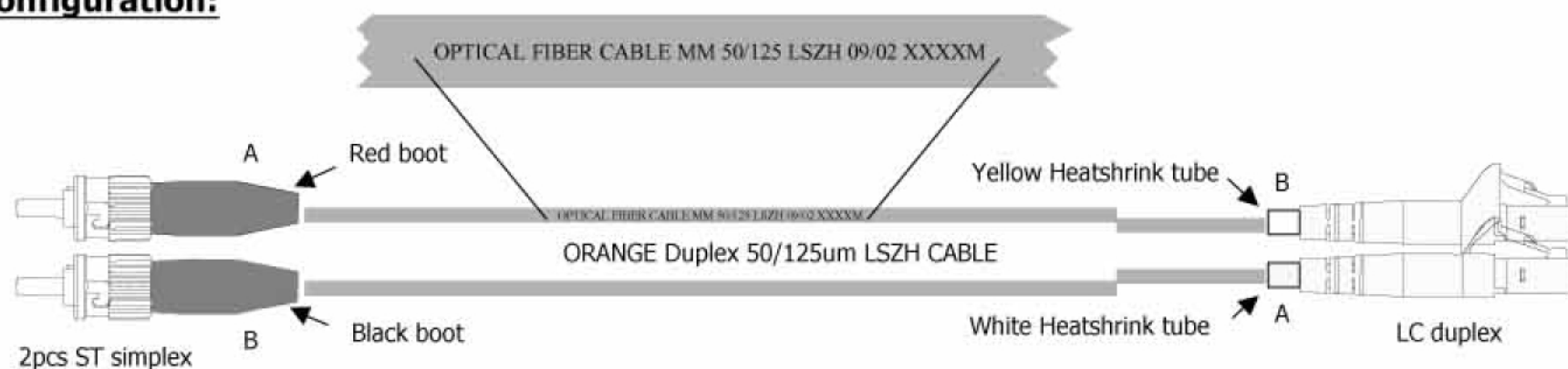
**EFB-Elektronik GmbH**

Art.-Nr. 00321.X

### Cable Specification

| Parameter                                  | 50/125                                     |
|--------------------------------------------|--------------------------------------------|
| Attenuation, Tight Buffer                  | @ 850 nm 3.5dB/km<br>@ 1300 nm 1.2dB/km    |
| Bandwidth                                  | @ 850 nm 400MHz*km<br>@ 1300 nm 600 MHz*km |
| Numerical Aperture                         | 0.2 ± 0.015                                |
| Core Diameter                              | 50 ± 3 µm                                  |
| Cladding Diameter                          | 125 ± 2 µm                                 |
| Core Non Circularity                       | 6%                                         |
| Cladding Non-Circularity                   | 2%                                         |
| Core/Cladding Offset                       | 6%                                         |
| Coating Diameter                           | 250 ± 15 µm                                |
| Max. Pulling Load                          | 400 N                                      |
| Max. Operating Load                        | 60% of the Max. Pulling Load               |
| Max. Compressive Load                      | 1000 N                                     |
| Repeated Impact                            | 0.5 N.m                                    |
| Minimum Short and Long Term Bending Radius | 10 times the cable narrowest dimension     |
| Twist (Torsion) - Length                   | 100 times the cable widest dimension       |
| Cyclic Flexing                             | 300 cycles                                 |
| Operating Temperature Range                | -10°C to +70°C                             |
| Storage Temperature Range                  | -20°C to +70°C                             |

### Color Configuration:



### Data to be accompanying with product:

|                                                                                       |       | Fiber Optic Products         |                         |
|---------------------------------------------------------------------------------------|-------|------------------------------|-------------------------|
| Piece                                                                                 | 1     | Series No.                   | J-HYXXXXXXXXXX          |
| Length                                                                                | 2 M   | Type:                        | 0.0321.2                |
|                                                                                       | 11/03 | Code:                        | J-HY-AE-S-0002-DB-LC/ST |
| Insertion Loss1: <b>X.XX</b> dB                                                       |       | Return Loss1: <b>X.XX</b> dB |                         |
| Insertion Loss2: <b>X.XX</b> dB                                                       |       | Return Loss2: <b>X.XX</b> dB |                         |
|  |       |                              |                         |