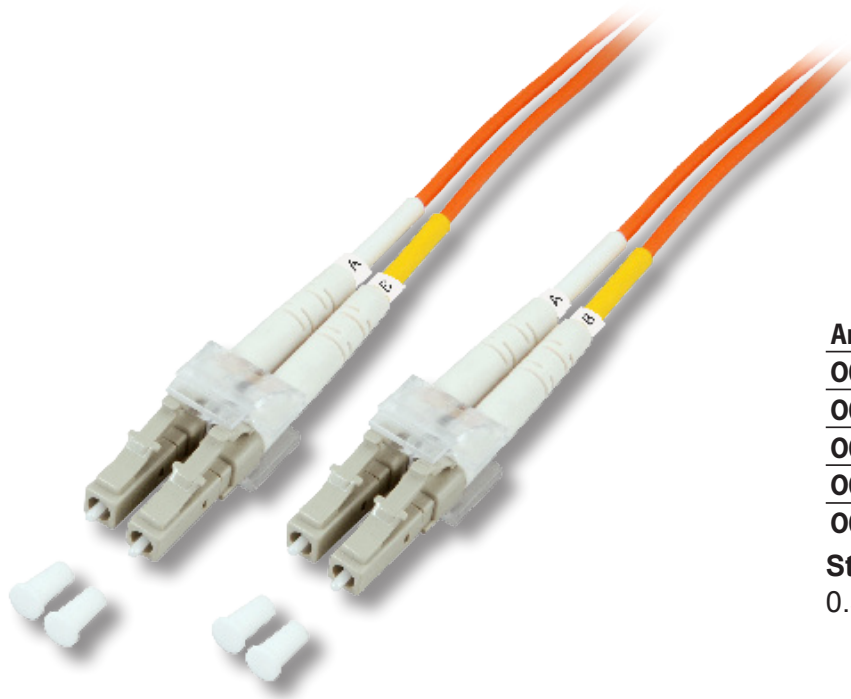


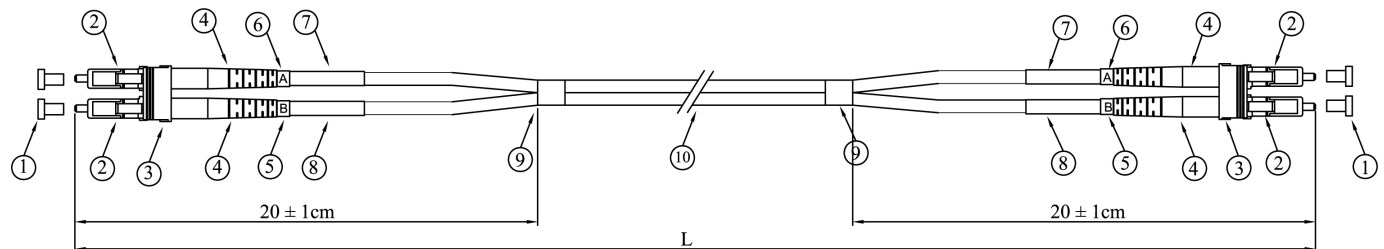
Fiber Optic patch cable - LC / LC duplex jumper



| Art.-No. | Fiber | Jacket | Connector Type | PU |
|----------------|----------------------------|--------------|----------------|----|
| 00310.x | I-VH 2G 50/125 μ OM2 | orange | 2 x LC beige | 1 |
| 00319.x | I-VH 2G 50/125 μ OM4 | erica-violet | 2 x LC beige | 1 |
| 00312.x | I-VH 2G 50/125 μ OM3 | aqua | 2 x LC beige | 1 |
| 00330.x | I-VH 2G 62.5/125 μ OM1 | orange | 2 x LC beige | 1 |
| 00350.x | I-VH 2E 9/125 μ OS2 | yellow | 2 x LC blue | 1 |

Standard lengths in metres:

0.5 - 1.0 - 2.0 - 3.0 - 5.0 - 7.5 - 10.0 - 15.0 - 20.0



| 10 | ∅ 2.0 mm duplex cable | |
|-----|---|------|
| 9 | Heat shrink tube, transparent | 2 |
| 8 | LC heat shrink tube, yellow | 2 |
| 7 | LC heat shrink tube, white | 2 |
| 6 | ID Clip (A) | 2 |
| 5 | ID Clip (B) | 2 |
| 4 | LC boot , 2.0 mm, white | 4 |
| 3 | LC duplex clip, transparent | 2 |
| 2 | LC plug (multimode beige , singlemode blue) | 4 |
| 1 | LC dust cover, white | 4 |
| No. | Description | Q'ty |

| | |
|-----------------|------------------|
| Created BT | Date 24.01.12 |
| Last rev. BT | Date 01.08.12 |

LC - LC duplex Jumper

RoHS
compliant

File: 00310.X_ENG



Characteristics

- Aramid yarn strength members ensures tension-resistance and long term stability in transmission
- Small outer diameter, lightweight
- Singlemode UPC polished
- Flame-retardant, low attenuation

Specification

- Insertion loss : < 0.3dB @ 850nm (Multimode)
< 0.3dB @ 1310nm (Singlemode)
- Return loss : > 50dB@1310nm (Singlemode UPC)
- End surface test is according to OP-03-05001
- Test standard: GR-326-CORE
- RoHS compliant
- LWL cable according to IEC 60793-2
- LC plug according to IEC 61754-20

Application

- Patching, Crossing
- Indoor cabling

Temperature range

- -40°C up to +85°C

Cable specification

- Number of fibers: 2, Mini Zip Twin figure 8
- Outer diameter: 2.0 x 4.1 mm
- Max. tension: 300 N (short), 160 N (long)
- Min. bending radius: 20H (installation), 10H (static)
- Max. crush resistance (N/100mm): 1000
- Complies to TIA/EIA-568 B and Bellcore GR-409-CORE & OFNR-UL/CSA FT-4
- Jacket LSZH
- Flame-retardant according to IEC60754-2, IEC60332-1, IEC61034

| Fiber Type MM | Core/Cladding | Jacket | Attenuation [dB/km] | | BLP [MHz*km] | BLP [MHz*km] |
|---------------|---------------|--------------|---------------------|-------|---------------------|-----------------------|
| | | | 1300nm | 850nm | LED stimulate (OFL) | Laser stimulate (EMB) |
| OM1 | 62.5/125μ | orange | 0.8 | 3.1 | 200 | - |
| OM2 | 50/125μ | orange | 0.8 | 2.8 | 500 | - |
| OM3 | 50/125μ | aqua | 0.8 | 2.8 | 1500 | 2000 |
| OM4 | 50/125μ | erica-violet | 0.7 | 2.8 | 3500 | 4700 |

BLP = Bandwith-Length-Product

| Fiber Type SM | Core/Cladding | Jacket | max. Attenuation [dB/km] | Dispersions coefficient | |
|---------------|---------------|--------|--------------------------|----------------------------|-----------------------------|
| OS2 | 9/125μ | yellow | ≤ 0.4dB@full spektrum | ≤ 3.0ps/(nm.km) @1310nm | ≤ 18.0ps/(nm.km) @1550nm |

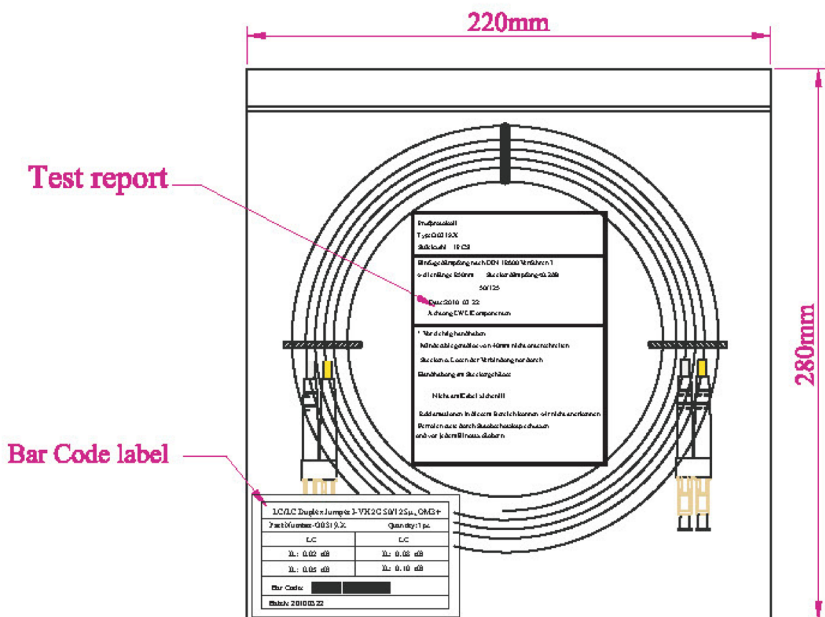
RoHS
compliant

| | | | |
|-----------------|------------------|-----------------------|-------------------|
| Created BT | Date 24.01.12 | LC - LC duplex Jumper | File: 00310.X_ENG |
| Last rev. BT | Date 01.08.12 | | |



Packaging:

The corresponding label data for each cable assembly shall be glued to the package.



| |
|--|
| Prüfprotokoll Typ: O0319.X Stückzahl 1PCS |
| Einfügedämpfung nach DIN 18600 Verfahren 7 wellenlänge 850nm Steckerdämpfung<0.2dB 50/125 Date:2010-03-22 Achtung LWL Komponenten |
| !-Vorsichtig handhaben -Mindestbiegeradius von 40mm nicht unterschreiten -Stecken u.Lösen der Verbindung nur durch Handhabung am Steckergehäuse Nicht am Kabel ziehen!!! -Reklamationen in diesem Bereich können wir nicht anerkennen -Ferrulen stets durch Staubschutzkap schützen und vor jedem Einsatz säubern |

| | |
|--|----------------|
| LC/LC Duplex Jumper I-VH 2G 50/125 µ, OM 4 | |
| Part Number: O0319.X | Quantity: 1 pc |
| LC | LC |
| IL: 0.02 dB | IL: 0.08 dB |
| IL: 0.05 dB | IL: 0.10 dB |
| Bar Code: | |
| Batch: 20100322 | |

Bar Code label(100mm x 60mm)

- sample package for FO duplex cable, Art.No. and other data change according to FO cable and plug type

RoHS compliant

| | | | |
|-----------------|------------------|-----------------------|------------------|
| Created BT | Date 24.01.12 | LC - LC duplex Jumper | |
| Last rev. BT | Date 01.08.12 | | |
| | | | File: O0310.X_DE |