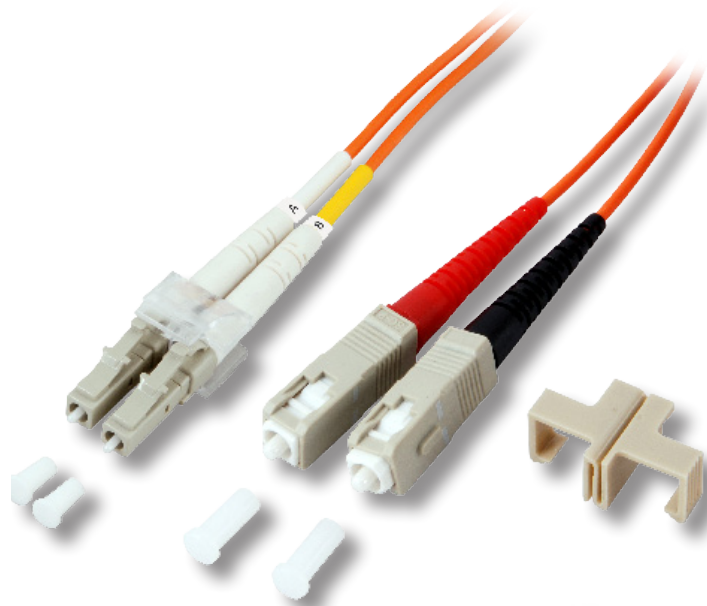


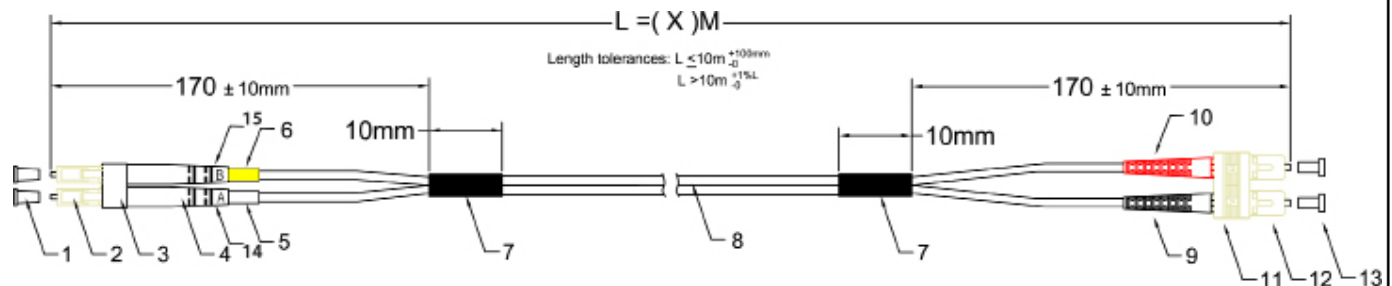
Fiber Optic patch cable - LC / SC duplex jumper



Art.-No.	Fiber	Jacket	Connector Type	PU
00320.x	I-VH 2G 50/125 μ OM2	orange	LC and SC beige	1
00323.x	I-VH 2G 50/125 μ OM4	erica-violet	LC and SC beige	1
00314.x	I-VH 2G 50/125 μ OM3	aqua	LC and SC beige	1
03061.x	V 01G 62.5/125 μ OM1	orange	LC and SC beige	1
00360.x	I-VH 2E 9/125 μ OS2	yellow	LC and SC blue	1

Standard lengths in metres:

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



15	ID Clip (B)	1
14	ID Clip (A)	1
13	SC dust cover, white	2
12	SC plug (multimode beige , singlemode blue)	2
11	SC clip, beige (A/B coded)	1
10	SC boot, red	1
9	SC boot, black	1
8	Ø 2.0 mm Duplex cable	
7	Heat shrink tube, black	2
6	SC shrink tube, yellow	1
5	SC shrink tube, white	1
4	LC boot, white	2
3	LC duplex clip, transparent	1
2	LC plug (multimode beige , singlemode blue)	2
1	LC dust cover, white	2
No.	Description	Q'ty

RoHS
compliant

Created BT	Date 24.01.12
Last rev. BT	Date 01.08.12

LC - SC duplex Jumper

File: 00320.X_EN



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
- SC plug according to IEC 61754-4
- 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
Last rev. BT	Date 01.08.12

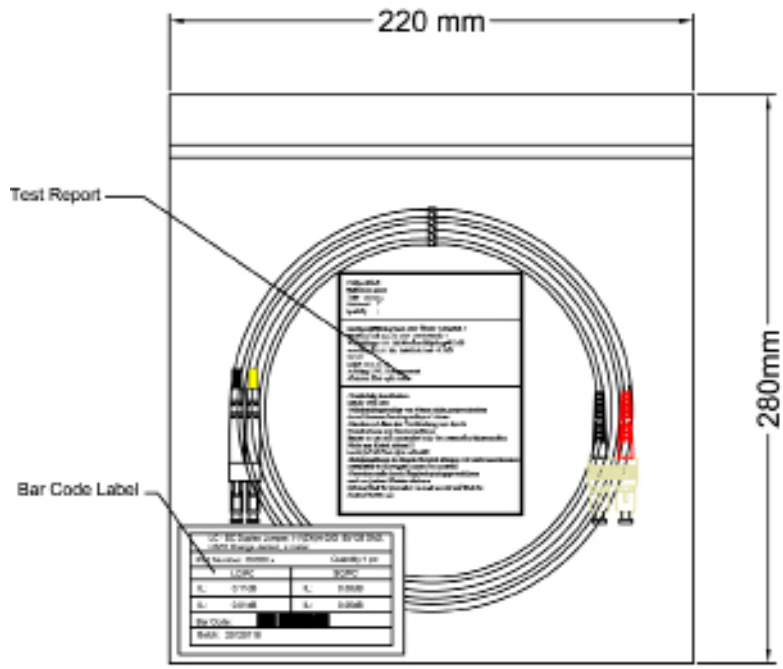
LC - SC duplex Jumper

File: 00320.X_EN



Packing:

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



9# PE Bag(220mm x 280mm)

Teilprotokoll:
 Inspektion durch:
 Typ: 00000
 Stückzahl: 1
 quantity: 1

Einfügungspfad nach DIN 1868 Verfahren 2
 Insertion loss acc. to DIN 18680 mode T
 Wellenlänge 1310 nm Steckverbindung: 0,1dB
 Wellenlänge 1550 nm Insertion loss = 0,1dB
 30120

Datum: 2012-01-18
 Abteilung: LWL, Komponenten
 atomare fiber optic cable

-Vorsichtig handhaben
 handle with care

-Mindestbiegeradius von 40mm nicht unterschreiten
 do not decrease bending radius of 40mm

-Stoßen u. Leeren der Verpackung nur durch
 Ausschussung am Schutzgitterglas

Beachte: to use only connector body for connectors/diagrams
 Nicht am Kabel ziehen!!!
 never pull at fiber optic cable!!!


-Klachten über die Qualität können nur durch
 complains in this regard cannot be accepted

-Fremdes Material durch Schutzgitterglas selektieren
 and vor jedem Einsatz säubern

Ferrules must be protected, use dust covers and must be cleaned before use

Test Report

LC - SC Duplex Jumper, FVZ/NH 005 50125 OM3, LSZH Orange Jacket, x meter

Part Number: 00320.x	Quantity: 1 pc
LC/PC	SC/PC
IL: 0.11dB	IL: 0.08dB
IL: 0.01dB	IL: 0.05dB
Bar Code: 	
Batch: 20120118	

Bar Code Label(100mmx60mm)

- 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
Last rev. BT	Date 01.08.12

LC - SC duplex Jumper

File: 00320.X_EN

