

Jumper Singlemode Simplex, LSZH



Features & Benefits

- Available with all fiber optic connector types
- High quality housings and ceramic ferrules
- Low Smoke Zero Halogen (LSZH)
- Low insertion loss and high return loss
- Individual test results and traceability number
- Mating Durability: 1000 cycles; <0.2 dB change
- IEC, EIA/TIA compliant
- Customized on request



Overview

PPC offers high performance Low Smoke Zero Halogen (LSZH) fiber optic simplex jumpers for use in single-fiber in-building applications. The simplex jumpers are manufactured using state-of-the-art controlled manufacturing processes to operate over the full range of singlemode wavelengths.

The jumpers are terminated with high quality connectors, which provide low insertion loss and high return loss. Each patchcord is individually tested and supplied with test certificates. The unique serial number provides traceability of every single product. Available in all types of singlemode fiber types.

Standards

Optical Fiber	Cable Jacket
ITU-T G.652D, G.655, G.657A1/A2, G.657B2/B3, G.655	Low Smoke Zero Halogen (LSZH)
Connector Design acc.	Connector Tested acc.
IEC 61754, TIA 604	IEC 61753, IEC 61300, TIA-455

Technical Data

Durability	Fiber Connectors
Min. 1000 cycles	LC, SC, LSH, FC, MU, ST
Insertion Loss	Return Loss
<i>dB</i>	<i>dB</i>
≤0.25	≥50 UPC, ≥60 APC
Wavelength	
<i>nm</i>	
1310/1550	

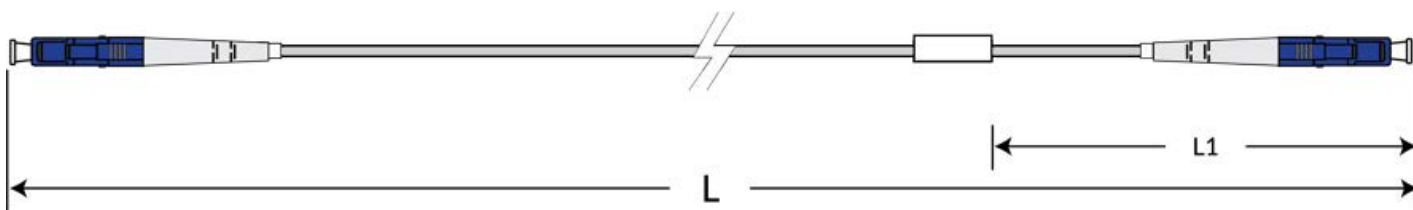
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Environmental Data

Operating temperature	2015/863 RoHS	Free of Halogen
°C		
-20 to +70	Fully compliant	Yes

Technical Drawing



Length of assembly (L)	Traceability label distance (L1)
L -0/+50mm (for L<0.5m) L -0/+100mm (for 0.5m>L<5m) L -0/+200mm (for L>5m)	200 ± 25mm (from one end)

Ordering Information

Example

JA1	1	1	1	1	3	5	1	2	2	1-	0	0	1	5
	1	2	3	4	5						6			

1 Connector Type End A 11 = LC UPC 12 = LC APC 8° 31 = SC UPC 32 = SC APC 8°	3 Fiber Type 35 = G652/G652D 36 = G657A1 37 = G657A2	5 Performance 1 = Grade A (≤0.15dB) 2 = Grade B (≤0.25dB) 3 = Grade C (≤0.50dB)
2 Connector Type End B nn = Please refer to End A connector code	4 Cable Type and Diameter 10 = 1.2mm 11 = 1.4mm 12 = 1.6mm 13 = 1.8mm 14 = 2.0mm 15 = 2.2mm 16 = 2.4mm 17 = 2.6mm 18 = 2.8mm 19 = 3.0mm	6 Length 005 = 500 mm 0015 = 1,5 m 0150 = 15 m