

Simplex and Duplex patch cords with SC/UPC, SC/APC, LC/UPC or LC/APC connectors



Specifications

- Fibre type
- Fibre coating
- Fibre quantity
- Cable
 - o Cable sheath
 - Colour
 - Dimensions
 - Simplex
 - Duplex
 - Minimum bending radius
- Minim
 Cable lengths
- Connectors
- Optical characteristics
 - PC polishing
 - $_{\odot}$ Insertion loss
 - Grading criteria
 - Test method
 - Grade B
 - o Return loss
 - Grading criteria
 - Test method
 - Grade 1, APC
 - Grade 2, UPC
 - The quality of PC polishing
 - Fibre undercut/protrusion
 - Radius of ferrule end face:
 - SC

LC

- Concentricity error
- Operation temperature

Single-mode fibre G.652.D or G.657.A1 Tight secondary coating, OD. 0,9 mm 1 or 2

LSZH Yellow

Ø 2,0 mm

4,5 x Ø 2,0 mm Dynamic 30 mm, static 20 mm 2, 3, 5, 10, 15 and 20 m or specified by the customer. SC/UPC, SC/APC, LC/UPC or LC/APC connectors. The dimensions and the constructions of the connectors are in accordance with IEC, Telcordia, TIA/EIA and JIS standards.

UPC or APC

According to IEC 61753-1

Attenuation random mated IEC 61300-3-34 \leq 0.12 dB mean

 \leq 0,25 dB max. for > 97% of samples in the wavelength range 1200 – 1630 nm

According to IEC 61753-1 Return loss random mated IEC 61300-3-6 \geq 60 dB (mated) and \geq 55 dB (unmated)

≥ 50 dB

 \leq 0,05 µm, according to IEC 61755-3-2

7 ≤ r ≤ 25 mm 7 ≤ r ≤ 25 mm ≤ 50 µm -40°C...+60°C

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