

Single-mode fibre pigtails with SC/UPC, SC/APC, LC/UPC or with LC/APC connectors



Specifications

- Fibre type
- Fibre coating
- Fibre colour
- Fibre length
- Minimum bending radius
- Connectors
- Optical characteristics
 - PC polishing:
 - 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 Yellow

1,5 m, 2 m or specified by the customer.

Dynamic 30 mm, static 20 mm

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

≤ 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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