

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



Specifications

- Fibre type Single-mode fibre G.652.D or G.657.A1
- Fibre coating Tight secondary coating, OD. 0,9 mm
- Fibre quantity 1 or 2
- Cable
 - Cable sheath LSZH
 - Colour Yellow
 - Dimensions
 - Simplex Ø 2,0 mm
 - Duplex 4,5 x Ø 2,0 mm
 - Minimum bending radius Dynamic 30 mm, static 20 mm
- Cable lengths 2, 3, 5, 10, 15 and 20 m or specified by the customer.
- Connectors 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.
- Optical characteristics
 - PC polishing UPC or APC
 - Insertion loss
 - Grading criteria According to IEC 61753-1
 - Test method Attenuation random mated IEC 61300-3-34
 - Grade B ≤ 0,12 dB mean
≤ 0,25 dB max. for > 97% of samples in the wavelength range 1200 – 1630 nm
 - Return loss
 - Grading criteria According to IEC 61753-1
 - Test method Return loss random mated IEC 61300-3-6
 - Grade 1, APC ≥ 60 dB (mated) and ≥ 55 dB (unmated)
 - Grade 2, UPC ≥ 50 dB
- The quality of PC polishing
 - Fibre undercut/protrusion ≤ 0,05 µm, according to IEC 61755-3-2
 - Radius of ferrule end face:
 - SC 7 ≤ r ≤ 25 mm
 - LC 7 ≤ r ≤ 25 mm
 - Concentricity error ≤ 50 µm
- Operation temperature -40°C...+60°C