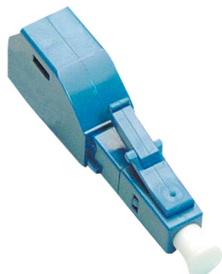


RoHS
Compliant



Features

- Excellent environmental stability
- Attenuation stability
- Excellent return loss
- Polarization insensitive
- Easy installation

Applications

- Telecommunications systems
- Local area networks
- CAT V
- Subscribe loop
- Test equipment
- Optical fibre sensors

Specifications

Wavelength	: 1,310 / 1,550 \pm 40nm
Insertion Loss	: 1 to 5 dB \pm 0.75 6 to 10 dB \pm 1 > 11 dB \pm 15%
Return loss	: PC > 45dB : APC > 65dB

Temperature Ranges and Humidity

Storage Temperature	: -55°C to 80°C
Operating Temperature	: -40°C to 75°C

Test Condition

All tests shall be performed as bellow conditions unless otherwise specified

Temperature Range	: 23°C \pm 2°C (73°F \pm 4°F)
Humidity Range	: Less than 75% RH

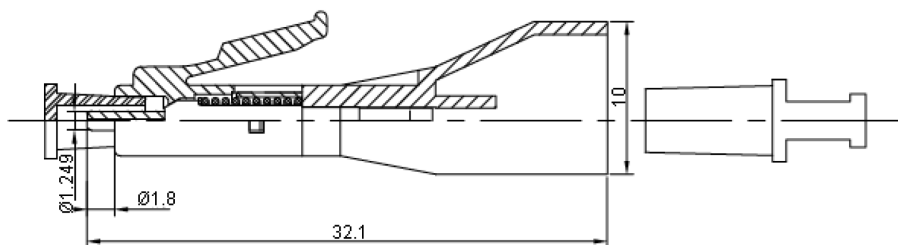
Optical Measurements

The requirement for the optical measurement facility are the following

Capability of measuring optical loss and reflectance at both 1,310nm and 1,550nm

Central wavelength of the sources	: 1,310 \pm 20nm and 1,550 \pm 20nm
Spectral width of the sources	: Less than 75nm
Accuracy in measurement of loss	: \pm 0.05dB
Accuracy in measurement of reflectance	: \pm 2dB down to at least -60dB

Diagram



Dimensions : Millimetres

Part Number Table

Description	Attenuator	Part Number
Fibre Optic Attenuator	5dB	SPC22772
	10dB	SPC22773
	15dB	SPC22774

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