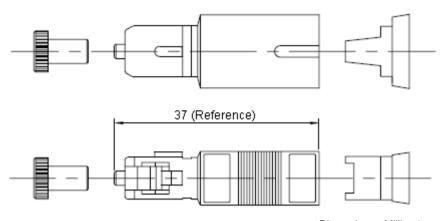
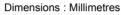
Fiber Optic Adapters







RoHS Compliant

Features:

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

Applications:

Telecommunications systems Local area networks CATV Subscribe loop Test equipment

Specifications:

Optical fiber sensors

Wavelength : 1,310 / 1,550 ±40 nm

Insertion loss

1 to 5 dB ±0.75 6 to 10 dB ±1 > 11 dB ±15%

Return loss : PC > 45 dB: APC > 65 dB

Temperature ranges and humidity : Storage temperature : -55°C to 80°C

Operating temperature : -40°C to 75°C

Test Condition:

All tests shell be performed as bellow conditions unless otherwise specified Temperature range : $23^{\circ}\text{C} \pm 2^{\circ}\text{C} (73^{\circ}\text{F} \pm 4^{\circ}\text{F})$ 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 1,310 nm and 1,550 nm Central wavelength of the sources : 1,310 ±20 nm and 1,550 ±20 nm

Spectral width of the sources : Less than 75 nm

Accuracy in measurement of loss : ±0.05 dB

Accuracy in measurement of reflectance : ±2 dB down to at least -60 dB

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Fiber Optic Adapters



Unless otherwise specified dimension tolerances are

Decimals:

.X ± 0.05 .XX ± 0.01 .XXX ± 0.005

Angular: ±0.5

Part Number Table

Description	Attenuation	Connector Type	Part Number
Fiber Optic Adapter	5 dB	SC Fiber Optic Attenuator	SPC22776
Fiber Optic Adapter	10 dB	SC Fiber Optic Attenuator	SPC22777
Fiber Optic Adapter	15 dB	SC Fiber Optic Attenuator	SPC22778
Fiber Optic Adapter	20 dB	SC Fiber Optic Attenuator	SPC22779
Fiber Optic Adapter	5 dB	SCA Fiber Optic Attenuator	SPC22780
Fiber Optic Adapter	10 dB	SCA Fiber Optic Attenuator	SPC22781
Fiber Optic Adapter	15 dB	SCA Fiber Optic Attenuator	SPC22782
Fiber Optic Adapter	20 dB	SCA Fiber Optic Attenuator	SPC22783

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