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## Attenuators



FiberFab single mode attenuators are used in communication systems to reduce optical power launched onto the photo detector. These high performance devices are designed to give accurate attenuation over a wide range of wavelengths. The plug type configuration allows you to use directly on the ends of the fiber jumpers and to insert directly in to the adapter.

Available in FC, SC, LC and MU connector styles with PC or APC finish providing ultra low return loss. FiberFab attenuators comes to you from a world class manufacturing facility backed by 20 years of experience in manufacturing fiber optic passive and active devices. Products coming out of this facility have found worldwide applications in computer networking, telecommunications and cable TV

### Features

- Plug-in type package.
- Accurate attenuation.
- Ultra low back reflection.
- Broad wavelength band.
- Available with SC, FC, LC and MU packages.
- Flat response over all wavelengths.
- Environmentally Stable.
- Quick Delivery.

### Applications

- Telecommunication networks
- Fiberoptic sensors
- Test and measurement
- CATV
- LAN and WAN
- FTTx

### **Description**

The FiberFab optical attenuators are manufactured using the best quality components.

For full information on the full range FiberFab products, please contact the address below for a data sheet.

### **Dimensions**

FC — 10mm (diameter) x 30mm (L)

SC — 35mm (L) x 12.7mm (W) x 9.5mm (D)

**Intermateability**

Optically and mechanically compatible with all equivalent connectors.  
Compliant with IEC 874-14.

**Product Packaging**

Each attenuator is packaged individually.

**Connector type**

SC / FC / LC / MU

**Available Range of attenuation**

1 to 30dB with 1dB increments (or custom attenuation within this range)

**Operating Wavelength**

1310nm and 1550nm (Or single wavelength)

**Operating Band pass**

Digital Band (BellcoreSpec.) - 1260-1360nm and 1430-1580nm

S + C + L Band - 1480-1610nm

Special Bandpass -1310±25nm and 1470-1610nm

Single Window -1280-1340nm or 1510-1590nm

Dual Window -1310 and 1550nm (±25nm)

**Attenuation Tolerance**

Attenuators 5dB - ± 0.5 dB

Attenuators, 6 to 30dB - ± 10% of attenuation

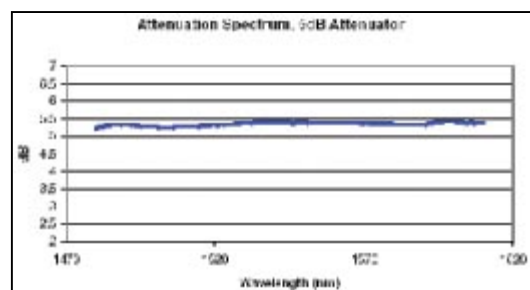
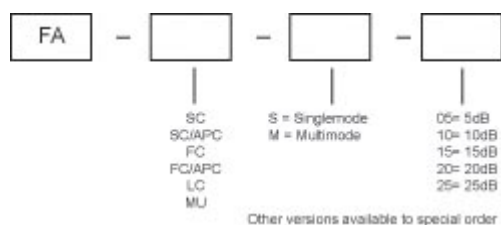
**Reflectance**

UPC = 55dB

APC = 60dB

**International Standard**

Telcordia GR-910-CORE

**Ordering Information**

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