

Attenuators FC, SC, LC and ST

V.3.2

Description

FiberFab singlemode and multimode 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 them to be used directly on the end of a patchcord, which in turn can insert directly into an adaptor.

Available in FC, SC, LC (short form factor) and ST connector styles with PC or APC finish, FiberFab attenuators provide ultra-low return loss and are available from 1dB to 30dB.

Features / Benefits

- ▶ Plug-in type package
- ▶ Accurate attenuation
- ▶ Ultra low back reflection
- ▶ Broad wavelength band
- ▶ Flat response over a wavelength range
- ▶ Environmentally stable

Applications

- ▶ Telecommunication networks
- ▶ Fibre optic sensors
- ▶ Test and measurement
- ▶ CATV
- ▶ LAN and WAN
- ▶ FTTX



Technical Specification

Parameter	
Available Range of Attenuation	1 to 30dB with 1dB increments
Operating Wavelength	1310 and 1550nm (or single wavelength)
Operating Band Pass	Dual Window 1310 and 1550nm (±25nm)
Attenuators = 5dB	± 0.5 dB
Attenuators 6 to 30dB	± 10% of attenuation
Reflectance	UPC = 55dB APC = 60dB
International Standard	Telcordia GR-910-CORE

Part Number Generator

