

Attenuators FC, SC, LC and ST

V.3.0

Description

Optronics singlemode 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 adapter.

Available in FC, SC, LC and ST connector styles with PC or APC finish providing the ultra low return loss. Optronics attenuators comes to you from a world-class manufacturing facility backed by over 15 years of experience in manufacturing passive and active fibre optic devices. Products coming out of this facility have found worldwide applications in computer networking, telecommunications and cable TV.

Features / Benefits

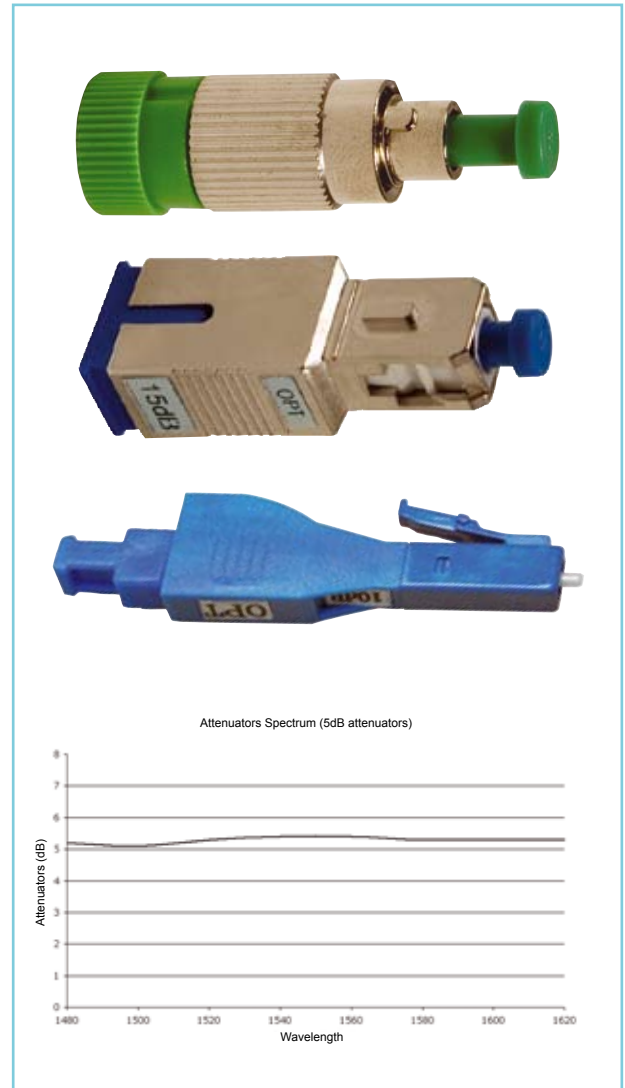
- ▶ Plug-in type package
- ▶ Accurate attenuation
- ▶ Ultra low back reflection
- ▶ Broad wavelength band
- ▶ Flat response over all wavelengths
- ▶ Environmentally stable
- ▶ Quick delivery.

Applications

- ▶ Telecommunication Networks
- ▶ Fibre optic sensors
- ▶ Test and Measurement
- ▶ CATV
- ▶ LAN and WAN
- ▶ FTTx
- ▶ Attenuation values available
01= 1dB, 02= 2dB, 03= 3dB, 04= 4dB, 05= 5dB, 06= 6dB, 07= 7dB,
08= 8dB, 09= 9dB, 10= 10dB, 15= 15dB, 20= 20dB.

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

