

Attenuators FC, SC, LC and ST

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



Overview

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, our attenuators provide ultra-low return loss and are available from 1 dB to 30 dB.

Applications

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

Specifications

Available range of attenuation	1 to 30 dB with 1 dB increments
Operating wavelength	1310 and 1550 nm (or single wavelength)
Operating band pass	Dual Window 1310 and 1550 nm \pm 25 nm
Attenuators = 5dB	\pm 0.5 dB
Attenuators 6 to 30dB	\pm 10% of attenuation
Reflectance	UPC = 55 dB APC = 60dB
International standard	Telcordia GR-910-CORE

Ordering information

Part number generator

FA			K
SC	S = Singlemode	01= 1dB	
SCA	62.5/123 = 62	02= 2dB	
FC	50/125 = 50	03= 3dB	
FCA	SC/APC	04= 4dB	
LC		05= 5dB	
LCA		06= 6dB	
ST		07= 7dB	
		08= 8dB	
		09= 9dB	
		10= 10dB	
	= ...dB	
		30= 30dB	

Other versions available to special order

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