



Singlemode Attenuators

Optical attenuators are used in fibre communication networks to reduce the power level of the optical signal launched onto the photo detector. They can be used directly on patch cords, which in turn can be inserted into an adaptor. They are designed to operate on a wide range of wavelengths and give accurate attenuation and low return loss.

OptronicsPlus attenuators are available in LC, SC, FC UPC/APC, MU UPC and from 1dB to 30db in 1db increments.

Features

- Accurate attenuation
- Low back reflection
- Plug-in type
- Broad wavelength band
- Flat response over all wavelengths
- Environmentally stable

Applications

- Telecommunication networks
- FTTX
- Cable Television
- Local and Wide Area Networks
- Fibre optic sensors
- Test and Measurement

Specifications

Parameter	
Available Range of Attenuation	1 to 30dB with 1dB increments
OperatingWavelength	1310 and 1550nm (or single wavelength)
Operating Band Pass	Dual Window 1310 and 1550nm (± 25 nm)
Attenuators ≤ 10 dB	± 0.5 dB
Attenuators 11 to 30dB	± 1 dB
Reflectance	UPC = 50dB APC = 60dB
International Standard	Telcordia GR-910-CORE

Ordering Information

	Connector Type		Mode		Attenuation	
OAT	00	LC	9	OS2	01	1dB
	01	LCA			02	2dB
	02	SC			03	3dB
	03	SCA			04	4dB
	04	ST			05	5dB
	05	FC			06	6dB
	06	FCA		dB
	10	MU			30	30dB

Example Part Number

OAT - 00 - 9 - 06

Singlemode Attenuator LC/UPC 6 dB

OAT - 06 - 9 - 03

Singlemode Attenuator FC/APC 3 dB