

Flyin Fixed Type Attenuator

Flyin Optronics' fiber optic attenuators are used in the fiber optic links to reduce the optical power at a certain level. Adaptor type fixed attenuator are available for singlemode LC, SC, ST, FC types, select from 1310nm or 1550nm, all the products are rigorously tested to meet the needs of optic network, compliance with ROHS standard.

Features

- Low back reflection loss and Low PDL
- High precision attenuation value
- Precision control of attenuation range
- Wide attenuation range
- Precision ceramic ferrule
- Attenuates Fiber Optic Signal
- Protects Equipment From Excess Optical Signals
- Definable Attenuation from 1dB to 20dB
- Available with FC,SC,ST,LC, MU types

Applications

- Telecommunication system
- Passive optical networks
- Optical power receivers protection
- Fiber optical sensor
- Test equipment



Performance Specifications (Standard)

Item	Parameter
Operating Wavelength	1310nm or 1550nm
Attenuation Range	1~20dB
Return Loss	PC:≥50dB APC: ≥60dB
Attenuation Tolerance	±0.5dB (1-10dB) ±1.0dB (11-20dB)
Polarization Dependent Loss	<0.1dB
Maximum Optical Input Power	200mW
Operating Temperature	-40℃~+75℃
Store Temperature	-40℃~+80℃
Mating Durability	>1000 cycles

Ordering Information

Attenuator type	Connector Type	Wavelength	Attenuation Level (dB)
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Adaptor type fixed attenuator	1=LC	13=1310nm	1=1dB
	2=SC	15=1550nm	2=2dB
	3=FC		3=3dB
	4=ST		...
			20=20dB