

PLUG TYPE FIXED ATTENUATOR

PTFA Series

Product Description

Oplink Plug Type Fixed Attenuator family offers high performance of various fixed attenuation for industrial standard connections. Wide attenuation range, extremely low return loss, polarization insensitive, and excellent repeatability. With our highly integrated design and manufacturing capability, Oplink can also provide customized products to help our customer for better opportunities. Our attenuator complies with industry green initiative such as ROHS.



Performance Specifications

Parameters		Min.	Typical	Max	Unit
Operating Wavelength Range		1310 ± 40			nm
		1550 ± 40			
		1625 ± 25			
Attenuation Accuracy	0~5 dB Attenuation	± 0.5			dB
	>5 dB Attenuation	± 10%			dB
Return Loss	PC Type	45			dB
	UPC Type	50			
	APC Type	60			
Operating Temperature		-40	85		°C

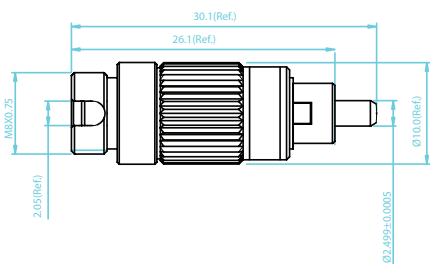
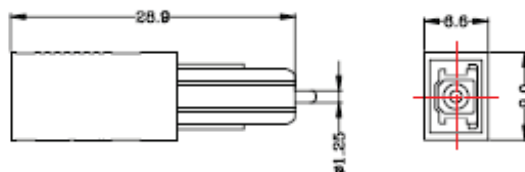
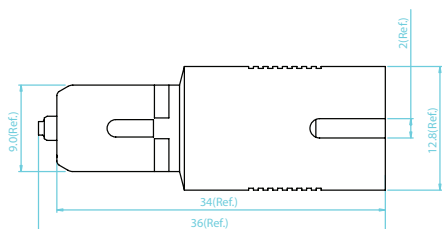
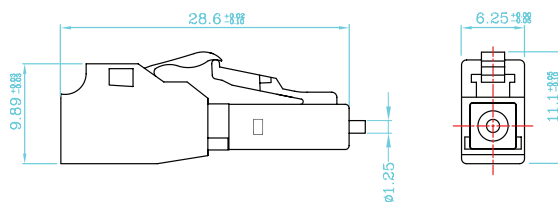
Note: Tested at 1310nm, 1550nm and 1625nm

Features

- ◆ Wide Attenuation Range
- ◆ Low Return Loss
- ◆ Low PDL
- ◆ Polarization Insensitive
- ◆ Various connector type
- ◆ Highly Reliable

Applications

- ◆ Optical Telecommunication Network
- ◆ CATV Network
- ◆ Testing Device Accessory

Mechanical Drawing / Package Dimensions (dimension in mm)
FC/PC(APC)

MU

SC/PC(Metal, Plastic), SC/APC

LC

Ordering Information
PTFA
Material
 Metal = M
 Plastic = P

Wavelength
 1310nm = 13
 1550nm = 15
 1625nm = 16
 1310/1550nm = 35
 1550/1625nm = 56
 1310/1550/1625nm = 36

Attenuation Value
 1dB = 01
 2dB = 02
 3dB = 03
 4dB = 04
 5dB = 05
 6dB = 06
 7dB = 07
 8dB = 08
 9dB = 09
 10dB = 10
 .
 .
 20dB = 20

Return Loss
 30dB = A
 45dB = B
 50dB = C
 55dB = D
 60dB = E
 65dB = F

Connector Type
 FC/PC = 2
 FC/UPC = 3
 FC/APC = 4
 SC/PC = 5
 SC/UPC = 6
 SC/APC = 7
 ST/PC = 8
 LC/PC = 9
 MU/PC = A
 LC/APC = B