

# 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

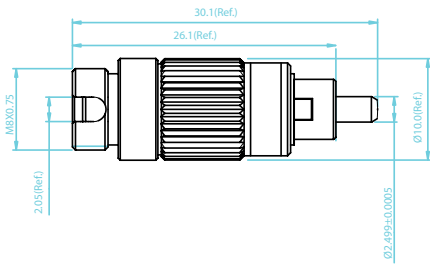
- ◆ Wide Attenuation Range
- ◆ Low Return Loss
- ◆ Low PDL
- ◆ Polarization Insensitive
- ◆ Various connector type
- ◆ Highly Reliable

### Applications

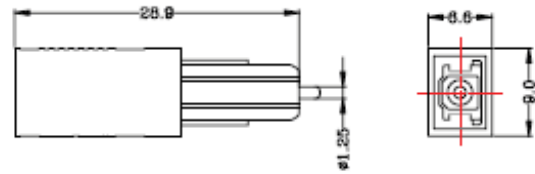
- ◆ Optical Telecommunication Network
- ◆ CATV Network
- ◆ Testing Device Accessory

**Mechanical Drawing / Package Dimensions (dimension in mm)**

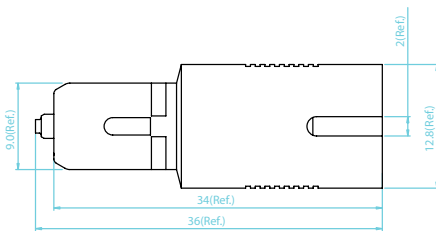
**FC/PC(APC)**



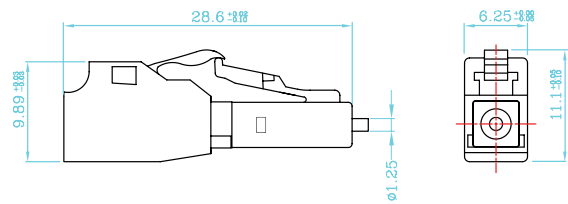
**MU**



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



**LC**



**Ordering Information**

Material	Wavelength	Attenuation Value	Return Loss	Connector Type
Metal = M Plastic = P	1310nm = 13 1550nm = 15 1625nm = 16 1310/1550nm = 35 1550/1625nm = 56 1310/1550/1625nm = 36	1dB = 01 2dB = 02 3dB = 03 4dB = 04 5dB = 05 6dB = 06 7dB = 07 8dB = 08 9dB = 09 10dB = 10 . . 20dB = 20	30dB = A 45dB = B 50dB = C 55dB = D 60dB = E 65dB = F	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