

# Build-out Attenuator

## Description

GET 's SM and MM Attenuators can be applied to adjust the power levels of signals in optical communications at the output of light sources, E/O converters and for testing the linearity or dynamic range of optical power meters.

GET Attenuators can also be used in optical amplifier systems to balance the gain across the different operating wavelengths. GET manufactures the SC, SC/APC, FC, FC/APC, ST, D4, LC and MU styles to meet your specific requirements.



## Features

- ❖ Precise attenuation value
- ❖ Excellent reflectance
- ❖ Perfect environmental stability and reliability
- ❖ Flawless end face
- ❖ Dual window (1310nm/1550nm)
- ❖ 1dB increment

## Applications

- ❖ Telecommunications
- ❖ CATV / LAN
- ❖ FTTH
- ❖ Subscriber loop

## Product Specifications

Specifications		Value	
Item		Single-Mode	Multi-Mode
Wavelength		1310nm and 1550nm	850nm and 1310nm
		1310nm or 1550nm	850nm or 1310nm
Attenuation Range		1dB ~ 30dB	1dB ~ 20dB
Attenuation Variation	10dB	±0.5dB, ±0.75dB	±1dB
	>10dB	±5%, ±10%, ±15%	±10%, ±15%
Reflectance	SPC	50dB	30dB
	UPC	55dB	
	APC	65dB	
Operation Temperature		-40 ~ 75	-40 ~ 75
Storage Temperature		-40 ~ 85	-40 ~ 85

# Ordering Information

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Connector:	Wavelength:	Attenuation:		Reflectance:	Tolerance:
1 = SC/UPC	13 = 1310nm	01 = 1dB	08 = 8dB	S = 50dB	A = ± 0.5 dB
2 = FC/UPC	15 = 1550nm	02 = 2dB	09 = 9dB	P = 55dB	B = ± 0.75 dB
3 = SC/APC	35 = 1310nm	03 = 3dB	10 = 10dB	U = 56dB	C = ± 5%
4 = FC/APC	& 1550nm	04 = 4dB	11 = 11dB	D = 60dB	D = ± 10%
5 = LC/UPC	83 = 850nm	05 = 5dB	... = ...dB	A = 65dB	E = ± 1 dB
6 = MU/UPC	& 1310nm	06 = 6dB	... = ...dB	5 = 50/125um	F = ± 15 %
7 = ST/UPC	85 = 850nm	07 = 7dB	30 = 30dB	6 = 62.5/125 (um)	A & B & E & F for 10dB;
8 = D4/PC					C & D & F for 10dB
9 = LC/APC					A~F for SM
A = MU/APC					D & E & F for MM
B = SC/PC					
C = FC/PC					
D = LC/PC					
E = MU/PC					
F = ST/PC					



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