

Fixed Optical Attenuator



Description:

- > Fiber optic attenuators are used in the fiber optic links to reduce the optical power at a certain level. Fibernet supply various kinds of fiber attenuators, including LC, SC, and ST, FC and MU

Features:

- > Compliant with Bellcore GR-910-CORE/JIS C5920
- > ROHS compliant
- > High quality materials
- > Precision end-face geometry testing
- > Precision and stable attenuation values
- > Ultra low return loss
- > High density, reliable and efficient packaging

Benefits:

- > Snap -in connector design, Precision mechanical dimensions.
- > Reduces maintenance and creates consistent optical performance

Applications:

- > Telecommunications
- > Data transmission
- > Testing instruments
- > Fiber optical sensors
- > Multi-channel
- > CATV
- > FTTB/FTTH/FTTD
- > LAN/WAN

Specifications and Dimensions:

Parameter	Value		
Attenuation values	0~10 dB / 15dB / 20dB / 25dB /Specified		
Polish Type	PC	UPC	APC
Return Loss	50dB	55dB	65dB
Connector Type	FC, SC, ST, LC, MU		FC, SC
Attenuation Accuracy	<±0.5dB for 1-10dB , <±1dB for 11-30dB		
Wavelength	MM: 850nm, 1300nm SM: 1310nm 1550nm, 1310nm&1550nm, 1310nm&1490nm		
Bandwidth	±40nm		
Operating Temperature	-40°C ~ +80°C		
Storage Temperature	-40°C ~ +80°C		
Ferrule Material	Ceramic		

Ordering Information:

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Fiber Type		Connector Type		Polish Type		Attenuation		Operation Wavelength		
5	50/125	F	FC	P	PC	00	0dB	1	MM	850nm
6	62.5/125	S	SC	U	UPC	01	1dB	2		1300nm
9	9/125	T	ST	A	APC	02	2dB	3	SM	1310nm
O	OM3	L	LC			03	3dB	4		1310/1550nm
		M	MU			05	5dB	5		1310/1490nm
						07	7dB	6		1550nm
						10	10dB			
						15	15dB			
						20	20dB			
						25	25dB			

Example: **FA- 9FU053**

[Fiber Type=9/125, Connector Type=FC, Polish Type=UPC, Attenuation=5dB, Operation Wavelength=1550nm]