

DATASHEET

FC Female to FC Female Plug-in Fixed attenuator



OMC INDUSTRY CO.LIMITED

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Description

Female to female Fixed attenuators from OMC offer defined control of optical signals in both integrated and add-on products.

Depending on the project or need, fixed attenuators can limit (attenuate) the amount of light passing through to the exact levels your project or application requirement. These precise attenuation levels provide for highly accurate performance.

OMC's FC Female to FC female Fixed attenuator are available for SM UPC (1-20dB) and SM APC (1-20dB).

Attenuator Specifications

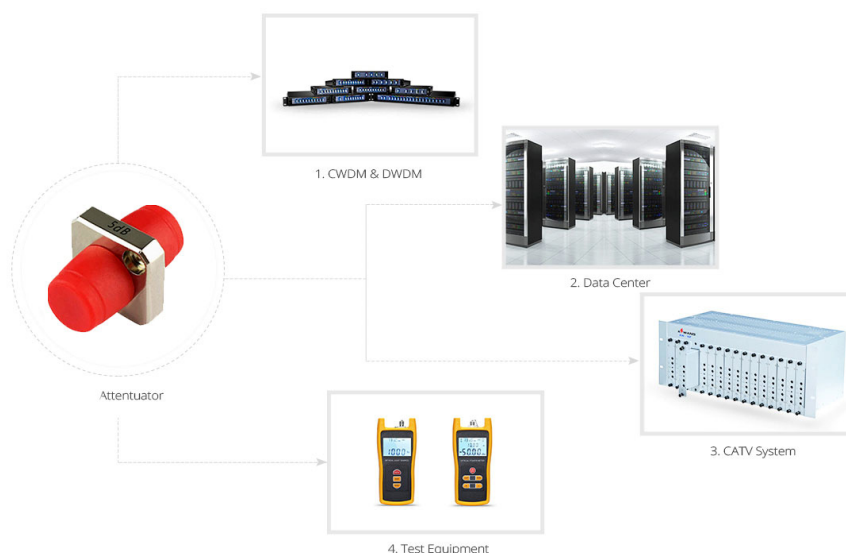
Fiber Connector	FC	Sleeve Type	Zirconia Ceramic
Connector Gender	Fixed Female to Female	Transfer Mode	Single mode
Attenuation	1~20dB	Operating Wavelength(nm)	1260~1620(SM)
Attenuation Accuracy	1-9dB ± 0.5 , 10-20dB $\pm 10\%$	Return Loss	≥ 55 dB
Polarization Dependent Loss	≤ 0.2 dB	Max Optical Input Power	200mW
Humidity	95%RH	Operating Temp Range	-40~80°C

Attenuator Application

Optical attenuator is a passive device used to reduce the power level of an optical signal. It is generally used in single-mode long-haul applications to prevent optical overload at the receiver. Optical attenuator is widely used in CWDM&DWDM, CATV systems, data center networks, test equipment and other high power applications.

Features

- Precise Attenuation Values
- Low PDL&Insertion Loss
- Precise Reflection Polishing
- Fast Connection
- Stable attenuation, highly Reliable
- Complies with industry green initiative such as ROHS,
- GR910 Compliant





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Packaging

This easily taken and well-protected fiber optical cable package has been labelled and marked by OMC as default .Standard carton size : 34*22*15 cm; 44*34*24 cm ; 54*39*34 cm . Which carton to be used depends on goods Qty . Packing can be customized.



1, Single PE Bag



2, Paper Carton



3, fumig-free Pallet

Order Index

Products	-	Attenuation type	-	Type	-	Female port 1	-	Female port 2	-	attenuation
K - Attenuator		1- Fixed		2 - Female to female		A-LC UPC		A-LC UPC		01- 1dB
						B—SC UPC		B—SC UPC		02- 2dB
						C-FC UPC		C-FC UPC		..
						D-ST UPC		D-ST UPC		...
						E- LC APC		E- LC APC		..
						F-SC APC		F-SC APC		...
						G-FC APC		G-FC APC		...
						H- MU UPC		H- MU UPC		
						I- MU APC		I- MU APC		
						J- E2000 UPC		J- E2000 UPC		
						K-E2000 APC		K-E2000 APC		