DATASHEET

SC Female to LC male Plug-in Fixed attenuator











OMC (TITH) SC Female to LC male Plug-in Fixed attenuator

Description

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. Though its applications range widely, fixed attenuators are most commonly used for test and measurement, optical sensors, and telecommunications applications.

Female to male 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 SC Female to LC male fixed attenuator are available for SM UPC(1-25dB), SM APC(1-25dB) and MM PC (1-25dB)

Also we can offer Below female to male attenuator SC Female to FC male; SC Female to ST male

FC Female to LC male; FC Female to SC male; FC Female to ST male ST Female to LC male; ST Female to SC male; ST Female to FC male LC Female to SC male; LC Female to FC male; LC Female to ST male

Attenuator Specifications

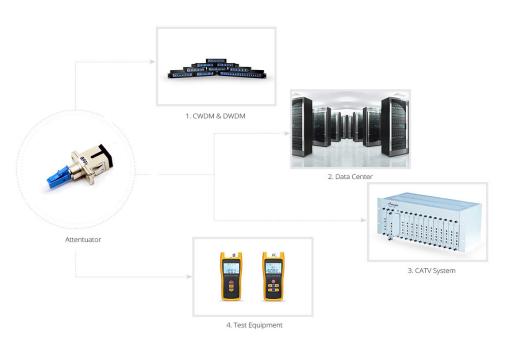
Items	Parameters					
Operating Bandwidth:	SM	MM				
	1310/1550nm (1200nm-1600nm)	850nm				
Return Loss	UPC≥50db, APC≥60db	PC≥35db				
Attenuation Tolerance	1 ~ 5db±0.5db &6 ~ 25db±10%					
Vibration	10 ~ 55hz(2hr)					
Max Optical Input Power	200mw					
Operating temp	- 40°C to +85°C					

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

Attenuator Application

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Products Materials

Products Drawing

Parts name	Material
Connected body	C3604
Locking Body	Zine-Ally
Sleeve	High precision Ceramic sleeve
Sleeve Subassembly	Ceramic&SUS304
Inside hook	PBT/PEI
Abutment Screw	C3604
Spring	SUS304
Dust Cover	PP

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

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Products -	- Attenuation type	Туре	- Fiber Mode -	Female port	Male connector	- attenuation
K - Attenuator	1- Fixed	1 - Female to male	0-SM	A-LC UPC	A-LC UPC	01- 1dB
			1-OM1	B—SC UPC	B—SC UPC	02-2dB
			2-OM2	C-FC UPC	C-FC UPC	
			3-OM3	D-ST UPC	D-ST UPC	
			4-OM4	E- LC APC	E- LC APC	
			5-OM5	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	
				1- MPO 12	1- MPO 12	
				2- MTP 12	2- MTP 12	
				3- MPO 24	3– MPO 24	
				4- MTP 24	4- MTP 24	