

DATASHEET

LC 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 singlemode 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.

LC Female to LC male Fixed attenuator are available for SM UPC (1-25dB) and SM APC (1-25dB).

Attenuator Specifications

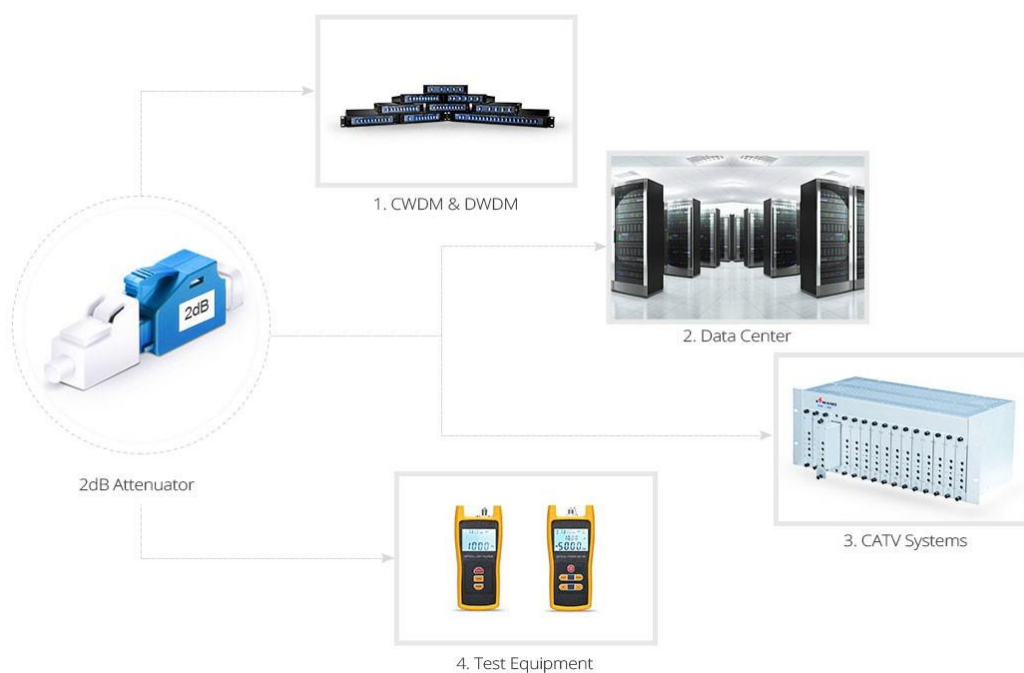
Items	Parameters	
Operating Bandwidth:	SM	MM
	1310/1550nm (1200nm-1600nm)	850nm
Return Loss	UPC \geq 50db, APC \geq 60db	PC \geq 35db
Attenuation Tolerance	1 ~ 5db \pm 0.5db & 6 ~ 25db \pm 10%	
Vibration	10 ~ 55hz(2hr)	
Max Optical Input Power	200mw	
Operating temp	- 40°C to +85°C	

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

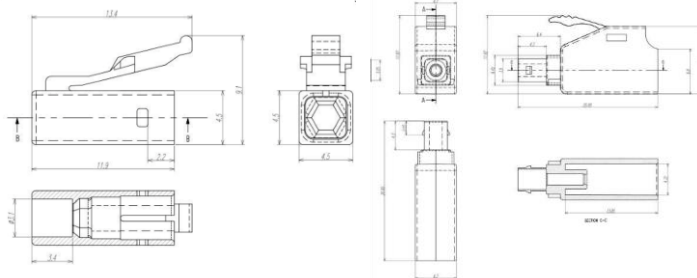
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Products Materials

Parts name	Material
Connected body	PEI
Locking Body	PEI
Sleeve	High precision Ceramic sleeve
Sleeve Subassembly	Ceramic&SUS304
Inside hook	PBT/PEI
Spring	SUS304
Dust Cover	PVC

Products Drawing



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