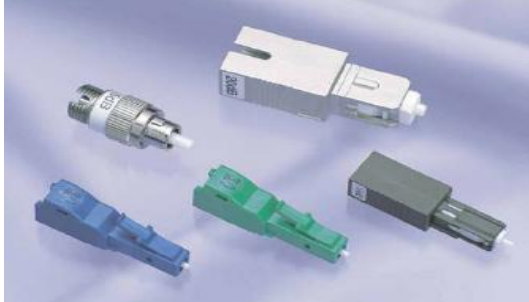


OPTICAL FIBER ATTENUATOR



Features :

- Attenuator in the middle connector
- For all connector types
- Continuation of the connector performance indicators
- Excellent operational qualities
- Maximum input power : 250Mw
- Plug key width : 2.1 mm
- Adapter key width : 2.2 mm

Application environment :

- CATV Network
- Connecting optical communication equipment
- Telecom Network
- ODF Transmission System
- High-speed, High-capacity SDH Optical Fiber Transmission

Product Specifications

Ratings	Operating Temperature range	-40°C to + 75°C	Storage temperature range	25°C to +85°CSM
	Max. Input Power	250mW	Fiber type	SM

Item	Test Method	Specification
Return loss	Measurement at a point within the respective wavelength range of 1310 ± 10 nm and 1550 ± 10 (DSF)	≥ 50 dB
Insertion Loss		≤ 0.2 dB
Attenuation FC ,SC		• Body Nickel plated
Attenuation LC		• Body PBT Material with flame retardant UL94 V0
Ferrule gauge holding force	Zirconia gauge of 2.499 ± 0.0005 mm diameter.	2.0N to 3.9N
Durability (cycles, mating/un-mating)	500 times	<ul style="list-style-type: none"> • Meets Attenuation/ Return Loss requirements • No. visible dislocation of clamp or cable.
Vibration	Frequency: 10 to 55 Hz, single amplitude of 0.75 mm. acceleration of 98.1m/s ² , 3 hours in each of the 3 axis.	
Shock	Acceleration of 981 m/s ² , 6 ms duration, sine half-wave waveform, 3 cycles in each of the 3 axis	
Composite Temperature humidity cyclic test	Temperature : -10°C to 65°C, humidity : 90% to 96% Time : 240 hours (10 cycles)	
Change of Temperature	Temperature : -40°C / + 75°C time : 60 /60 /60 /60 (minutes) Cycles : 100 cycles	
Dry Heat	500 hours at 85°C	
Cold	500 hours at -40°C	
Salt mist		