

## SC Fiber Optic Attenuator Datasheet

### » Description

SC fiber optic attenuator is mainly used in fiber optic to debug optical power performance & optical instrument calibration correction & fiber signal attenuation to ensure the optical power in a stable and desired level in the link without any changes on its original transmission wave.

### » Parts in Details



### » Specifications

Name	SC Fiber Attenuator Male-Female Fixed Type 1~30dB
Fiber Connector	SC APC/UPC
Ferrule Type	Fixed Male to Female
Transfer Mode	SM/MM
Attenuation	1~30dB
Operating Wavelength(nm)	1260~1620(SM),850(MM)
Attenuation Accuracy	1-9dB±0.5dB, 10-25dB±10%
Return Loss	≥45dB
Polarization Dependent Loss	≤0.2dB
Max Optical Input Power	200mW
Humidity	95%RH
Operating Temperature Range	-40~80°C
Storage Temperature Range	-40~85°C

### » Application

- It 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.
- It is widely used in CWDM&DWDM, CATV systems, data center networks, test equipment, and other high power applications.

### » Features

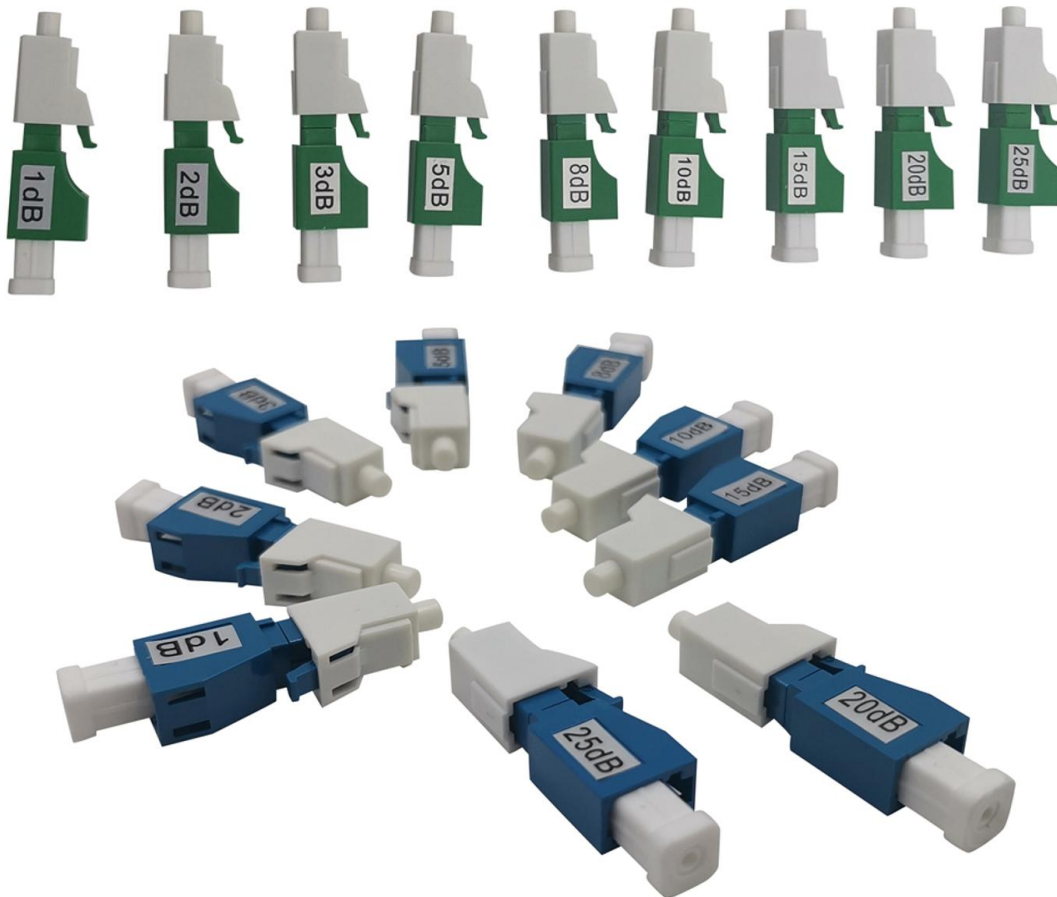
- 1. Stable Attenuation
- 2. Fast Connection: Distinctive male-female port, easy to connect patch cables and other equipment.
- 3. Flexible case for easy portability: Accurate size armed with elegant dust cap, better ensure the handy installation and protection from out-service.
- 4. Durable metal shell for permanent protection: Shaped with metal material, our attenuators perfectly protect the core insert from external damage

## LC Fiber Optic Attenuator Datasheet

### » Description

LC fiber optic attenuator is mainly used in fiber optic to debug optical power performance & optical instrument calibration correction & fiber signal attenuation to ensure the optical power in a stable and desired level in the link without any changes on its original transmission wave.

### » Parts in Details



### » Specifications

Name	LC Fiber Attenuator Male-Female Fixed Flanged Type 1~25dB
Fiber Connector	LC APC/UPC
Ferrule Type	Fixed Male to Female
Transfer Mode	SM/MM
Attenuation	1~25dB
Operating Wavelength(nm)	1260~1620(SM),850(MM)
Attenuation Accuracy	1-9dB±0.5dB, 10-25dB±10%
Return Loss	≥45dB
Polarization Dependent Loss	≤0.2dB
Max Optical Input Power	200mW
Humidity	95%RH
Operating Temperature Range	-40~80°C
Storage Temperature Range	-40~85°C

### » Application

- It 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.
- It is widely used in CWDM&DWDM, CATV systems, data center networks, test equipment, and other high power applications.

### » Features

- 1. Stable Attenuation
- 2. Fast Connection: Distinctive male-female port, easy to connect patch cables and other equipment.
- 3. Flexible case for easy portability: Accurate size armed with elegant dust cap, better ensure the handy installation and protection from out-service.
- 4. Durable plastic shell for permanent protection.