

Attenuators

Components and Installation Tools

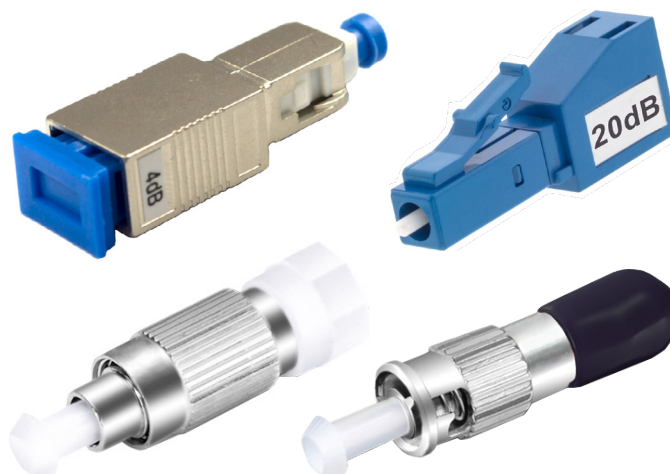
Attenuators are typically build out style male to female adapters that reduce the power level of optical signals by a fixed amount.

The closer receiving equipment is to the source of a transmit signal within the network, the “hotter” the signal will be.

Attenuators reduce the power level of a transmit signal to a safe level for use with receiving equipment.

They are also used for the testing of linearity and dynamic range in photosensors.

Small attenuation variation ensures accurate output.



Features

- Precise attenuation values
- Environmentally stable and reliable
- Telcordia GR-910-CORE compliant
- Excellent return loss
- Bidirectional
- No air gap

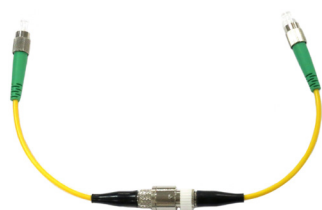
Applications

- Telecommunications
- CATV
- Passive Optical Networks (PONs)
- Fiber to the Home
- Local Area Network
- Network Testing
- Long Haul Networks

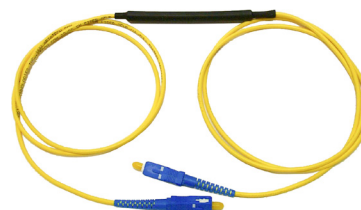
Specifications

Attenuation Range	1-30 dB
Attenuation Variance	>10%
Operating Temperature	-40 to 75 °C
Storage Temperature	-50 to 85 °C
Return Loss UPC	>55dB
Return Loss APC	>65dB

In-Line Variable Attenuators Available



In-Line Fixed Attenuators Available



Part Number

ATN- - -
1 2 3

1 Connector Type

SC = SC
 LC = LC
 FC = FC
 ST = ST

1 Polish Type

U = UPC
 A = APC*

*Unavailable for ST

2 dB Value

XX = XX dB
 VA = Variable

3 Length

Leave blank for build out style fixed attenuator

XXF = XX Feet
 XXM = XX Meters