

**Fiber optic attenuator**

**Plug type attenuator,SC,FC,ST,LC,MU types,UPC,APC types available.**

**Descriptions**

The function of attenuator in fiber optic system is to reduce the optical power in the fiber.

The most common application of the attenuator is to balance the optical power between multi-fiber systems and to reduce the receiver saturation that limits the system performance. In some absorbance experiments, the attenuator can also absorb the excess signals, as too much light may saturate the reference measurements.

**Features**

Metal ion doped fiber

High-power light source durability

Wavelength independence

Attenuation levels from 1dB to 30dB, with standard and premium tolerances,plus custom configurations  
1310nm, 1550nm and 1310/1550nm dual wave lengths

**Specifications**

UPC	return loss 50dB or greater
APC	return loss 60dB or greater

For detailed inquiry please contact our sales team at: [sales@huihongfiber.com](mailto:sales@huihongfiber.com) .

**Inline Fiber Attenuator****Descriptions**

Inline fixed value attenuator is applied if the back reflection is a key concern in the application or at the environment where plug attenuator can not be placed. It will be custom built with various lengths and the connector types at the customer request.

**Features**

Optimized ion doped fiber technology

various fixed attenuation available

superior durability

low polarization dependence

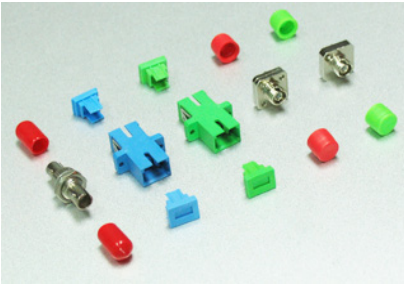
Telcordia standard (GR-910-CORE) conformed.

## Specifications

Types	Single mode	Multimode
Attenuation value (dB)	1 to 20,25,30	1 to 25
Operating wavelength(nm)	1260nm-1620nm	850nm or 1300nm,1310nm
Return loss for UPC	$\geq 55$ dB	-
Return loss for APC	$\geq 65$ dB	-
Attenuation tolerance (dB)		-0.5
Maximum power capability(w)		1
operating tempeature		-40 to +75

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## Bulkhead Type Fixed Value Attenuator



### Descriptions

Huihong Fiber offers air-gap bulkhead type fixed value fiber optic attenuator suitable for 850nm,1310nm, or 1550nm. Available in FC square type,SC flange type and ST thread types.

### Features

High attenuation and environmental stability  
Easy installation and well packaged

## Specifications

Attenuation value(dB)	5,10 and 15
Operation wavelength(nm)	850/1310/1550
Return loss	-0.1
Operation temperature	-40 to +75

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