

## Fiber Optic Attenuators



### Introduction

Fiber optic attenuators are used in the fiber optic communications to reduce the optical fiber power at a certain level, the most commonly used type is female to male plug type fiber optic attenuator, it has the optical fiber connector at one side and the other side is a female type fiber optic adapter, fiber optic attenuator name is based on the connector type and the attenuation level. SC 5dB fiber optic attenuator means this attenuator uses SC fiber optic connector and it can reduce the optical fiber power level by 5dB.

Available in both inline and terminator/build-out styles, fixed attenuators offer multiple options including SC, LC, ST, FC, and MU connector types and definable attenuation values from 1db to 30dB.

Fixed Attenuators provide defined control of optical signals in both integrated and add-on products. Depending on the project or need, fixed attenuators can limit, or attenuate, the amount of light passing through to the exact level your project or application requires.

### Models :

Attenuator	
ATTE SC-SC 5DB	FO Attenuator SC/PC , 5 db
ATTE SC-SC 10DB	FO Attenuator SC/PC , 10db
ATTE FC-FC 10DB	FO Attenuator FC/PC , 10db
ATTE LC-LC 5DB	Attenuateur LC-LC, 5db.
ATTE LC-LC 10DB	Attenuateur LC-LC, 10db.

### Specifications :

Attenuation Value 1dB ~ 30dB	
Operating Wavelength 1240 ~ 1620nm (Dual 1310/1550nm)	
Premium	
Return Loss	UPC >55dB
	APC >65dB
Attenuation Accuracy	1 ~ 7 dB ±0.5dB
	8 ~ 12 dB ±0.7dB
	13 ~ 17 dB ±1.0dB
	18 ~ 25 dB ±1.3dB
Maximum Optical Input Power 1000mW	
Polarization Dependent Loss ≤0.1dB	
Operating Temperature Range -40 to 75	
Storage Temperature Range -40 to 85	
Humidity 95%RH	