

FC/UPC Male-Female Attenuator Datasheet

IDEAL FOR DEBUGGING OPTICAL POWER PERFORMANCE & OPTICAL INSTRUMENT CALIBRATION CORRECTION & FIBER SIGNAL ATTENUATION.

Designed for testing equipment, video transmission, optical fiber communication system, cable television network, optical fiber access network etc.



FC/UPC Singlemode Fixed Fiber Optic Attenuator

As optical passive devices, FS attenuators are 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.

Standards Compliance

- RoHS, ISO9001 and WEEE Compliant
- GR910

Features

- Standard Fixed Attenuation Value of 2dB
- Applied for CWDM, DWDM, Test Equipment, CATV Systems, Point to Point Systems, etc.
- Attenuating Material-ion Doped Fiber
- 1260 to 1620nm Wavelength Singlemode Attenuators
- Precision Polishing for Reduced Back Reflection
- High Precision Fiber Optic Ceramic Ferrules
- Snap in Body for Fast Mating and De-mating

Technical Specification

Physical Characteristics	Description
Fiber Type	FC/UPC
Ferrule Type	ZirconiaCeramic
Transfer Mode	Singlemode
Color	Metal Gray
Max Optical Input Power	200mW
Humidity	95%RH

Experimental Introduction

	Unit	Condition	Values
Scope of loss	dB	UPC	0-20
Attenuation Accuracy	dB	0-9	±0.5dB
		10-25	±10%
Return Loss	dB	UPC	≥50
Operating Wavelength	nm	SM	1260~1620
Operating Temp Range	℃		-40 to 80

Matching Products

ID	Description
64644	FC/UPC Singlemode Fixed Fiber Optic Attenuator, Male-Female, 2dB