

# SC/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.



## SC/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 3dB up to 10db
- 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
<b>Fiber Type</b>	SC/UPC
<b>Ferrule Type</b>	ZirconiaCeramic
<b>Transfer Mode</b>	Singlemode
<b>Color</b>	Warm Gray
<b>Max Optical Input Power</b>	200mW
<b>Humidity</b>	95%RH

## Experimental Introduction

	Unit	Condition	Values
<b>Scope of loss</b>	dB	UPC	0-25
		0-9	±0.5dB
<b>Attenuation Accuracy</b>	dB	10-25	±10%
<b>Return Loss</b>	dB	UPC	≥50
<b>Operating Wavelength</b>	nm	SM	1260~1620
<b>Operating Temp Range</b>	°C		-25 to 70

## Matching Products

ID	Description
48528	SC/UPC Singlemode Fixed Fiber Optic Attenuator, Male-Female, 3dB
76147	SC/UPC Singlemode Fixed Fiber Optic Attenuator, Male-Female, 5dB (10pcs/Pack)
76148	SC/UPC Singlemode Fixed Fiber Optic Attenuator, Male-Female, 10dB (10pcs/Pack)