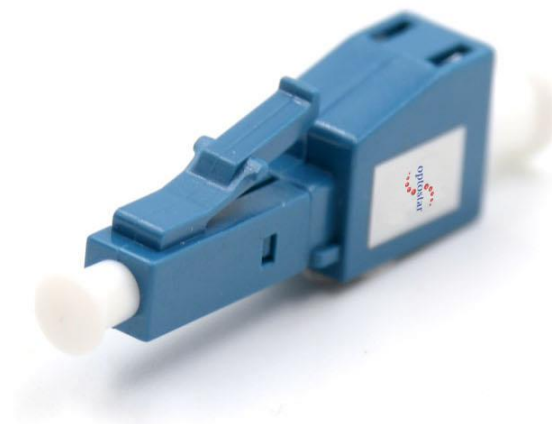




**LC/UPC Male to Female build out single mode attenuator**



**Shenzhen Optostar Optoelectronics Co., Ltd**

**2011. 03(Version 2)**

## Overview

OPTOSTAR offers a wide range of fiber optic Attenuators. Available for Singlemode 9/125, Multimode 50/125 and Multimode 62.5/125 applications. Our Male to Female buildout Optical Attenuation (pads) are available in all fiber modes. LC attenuators, ST, SC, LC/APC, SC/APC, FC and FC/APC types.

Fiber optic attenuators are used in fiber optic communications to reduce the optical fiber power by 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. LC fiber optic attenuator means this attenuator use LC fiber optic connector

LC Singlemode 9/125um, Male-Female attenuators contain doped fiber suitable for both 1310nm and 1550nm operation. Fixed attenuation values are available in 1dB increments from 1 to 25dB.

## Product Features

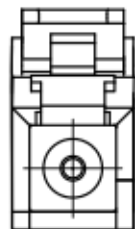
- High Precision Fiber Optic Ceramic Ferrules
- Snap in Body for Fast Mating and De-Mating
- Highly Reliable Physical Contact Connectors
- Accurate Attenuation
- Free of Hazardous Substances According to RoHS 2002/95/EG to be RoHS Compliant
- 1310 to 1550nm Wavelength Singlemode Attenuators
- 850nm Attenuation for Multimode 50μm and 62.5μm
- Attenuating material-Ion Doped Fiber

## Application

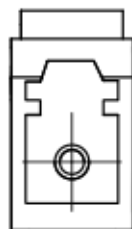
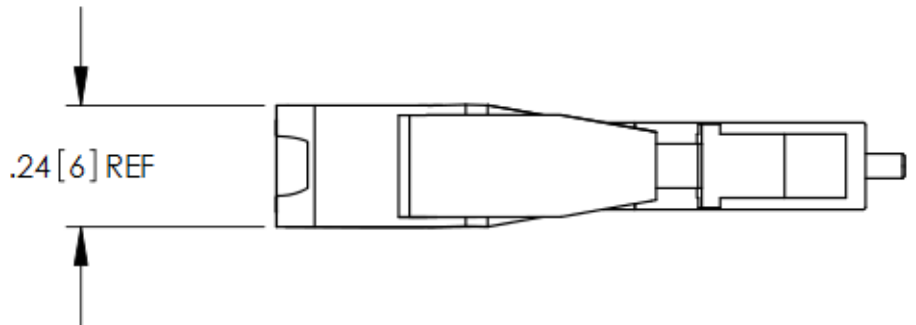
- Fiber optic communication systems.
- Fiber optic CATV
- Fiber optic test

**Optical Specifications**

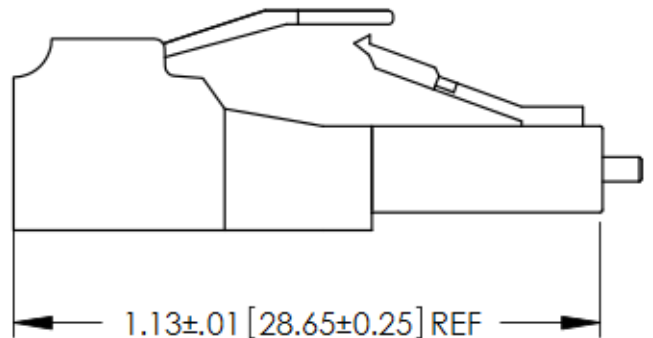
LC/UPC Male to Female build out single mode attenuator	
Return Loss	<-55dB
Attenuation Tolerance 1 to 10db	+0.5
Attenuation Tolerance 12 to 25db	+5%
Single Mode Wavelengths (nm)	1310nm and 1515nm
Multimode Wavelengths (nm)	850nm and 1310nm
Operating Temperature (C)	-40C to +75C
Compliance	RoHS
Connector Body Color	Blue (SM) or Beige (MM)
Attenuation value	1-25dB
Connector	LC/UPC



LC PLUG



LC JACK



**Important Notice**

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The publication of information in this data sheet does not imply freedom from patent or other protective rights of OPTOSTAR or others. Further details are available from any OPTOSTAR sales representative.



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