

PRODUCT SPECIFICATIONS

Optical Fiber Attenuator

INTRODUCTION

LUX offers a wide range of fiber attenuators for optical networks with erbium doped amplifiers. These high quality optical fiber attenuator precisely reduces an optical signal from point-to-point.

These fiber attenuators are with high quality zirconia ferrule containing a specially selected attenuation fiber. This unique fiber minimizes the effect of modal interference and gives the component a flat spectral response. LUX's fiber attenuator has no compatibility conflicts with fiber optic connector such as FC, LC and SC.



TECHNICAL INFORMATION

Reference Standards	Telcordia GR-910 issue 2
Sleeve	High precision Zirconia sleeve (Ceramic)
Attenuation Tolerance	1 ~ 5dB: ±0.5dB 6 ~ 20dB: ±10%
Return Loss	UPC: -50dB APC: -60dB
Stable Performance	1260nm to 1360nm 1430nm to 1580nm
Packaging	Bulk Package

ENVIRONMENTAL PROPERTIES

Storage and shipment temperature:	- 25°C to 70°C
Operating and Installation temperature:	- 25°C to 70°C
Restriction of Hazardous Substances (RoHS) Compliance:	All materials & components meet the requirements of Directive 2002/95/EC.

ORDERING PART NUMBER

Example: OFA-LCU05 = LC/UPC Singlemode Attenuator (5dB)

Character	O	F	A	-	A	B	C	D	E
Example	O	F	P	-	L	C	U	0	5

AB – Connector Type

FC = FC
LC = LC
SC = SC

C – Polishing

A = APC
U = UPC

DE – Attenuation Selection

01 = 1dB
02 = 2dB
03 = 3dB
20 = 20dB

**Attenuation range from 1 to 20dB*