



COMMUNICATIONS

Let's Get Connected

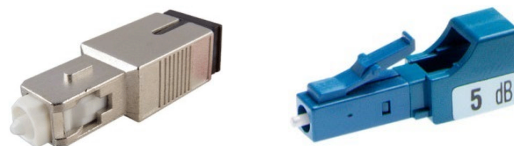
# PRODUCT SPECIFICATION

## 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 can precisely reduce an optical signal from point-to-point.

These fiber attenuators 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

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

### ENVIRONMENTAL PROPERTIES

<b>Storage and shipment temperature:</b>	- 25°C to 70°C
<b>Operating and Installation temperature:</b>	- 25°C to 70°C

### REFERENCE STANDARDS

<b>Restriction of Hazardous Substances (RoHS) Compliance:</b>	All materials & components meet the requirements of Directive 2002/95/EC.
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### ORDERING PART NUMBER

Example: OPA-FCA-01 = FC/APC SM Plug Type Attenuator (1dB)

Character	O	P	A	—	A	B	C	—	D	E
Example	O	P	A	—	F	C	A	—	0	1

AB - CONNECTOR TYPE
FC = FC LC = LC SC = SC

C - POLISH TYPE
A = APC U = UPC

DE - ATTENUATION SELECTION
01 = 1dB      07 = 7dB 02 = 2dB      10 = 10dB 03 = 3dB      15 = 15dB 05 = 5dB      20 = 20dB

The information and specification in this document are subjected to change without notice

