

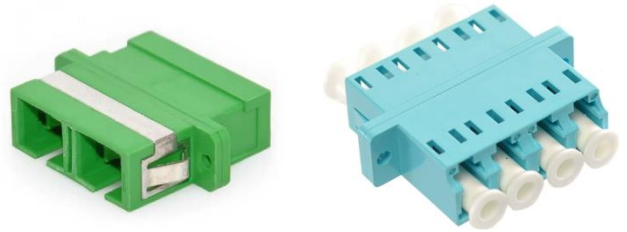
# PRODUCT SPECIFICATIONS

## Fiber Adapter

### INTRODUCTION

LUX offers a wide range of fiber adapter for various applications such as fiber distribution, LAN/WAN, FTTx, CATV...etc. These adapters are precision made to ensure perfect alignment of connectors, reducing insertion loss in order to obtain optical network performance.

These adapter are available with an option of E2000, FC, LC, SC, ST & hybrid adapter. These adapters are having a selection of Single-mode and variety of Multi-mode (OM1/OM2/OM3/OM4).



### TECHNICAL INFORMATION

<b>Reference Standards</b>	Telcordia, ANSI, TIA/EIA & IEC
<b>Sleeve</b>	High precision Zirconia sleeve (Ceramic)
<b>Insertion Loss</b>	Max 0.2dB (Typical value: 0.05dB)
<b>Durability</b>	500 times $\Delta \leq 0.2$ dB
<b>Packaging</b>	Bulk Package

### ENVIRONMENTAL PROPERTIES

<b>Storage and shipment temperature:</b>	- 20°C to 85°C
<b>Operating and Installation temperature:</b>	- 10°C to 70°C
<b>Restriction of Hazardous Substances (RoHS) Compliance:</b>	All materials & components meet the requirements of Directive 2002/95/EC.

### ORDERING PART NUMBER

Example: OFC-SMFCDNA = Singlemode FC Adapter (DD Ring)

<b>Character</b>	O	F	C	-	A	B	C	D	E	F	G
<b>Example</b>	O	F	C	-	S	M	F	C	D	N	A

#### AB – Fiber Type

SM = Singlemode (9 $\mu$ m/125 $\mu$ m)  
M1 = OM1 (62.5 $\mu$ m/125 $\mu$ m)  
M2 = OM2 (50 $\mu$ m/125 $\mu$ m)  
M3 = OM3 (50 $\mu$ m/125 $\mu$ m)  
M4 = OM4 (50 $\mu$ m/125 $\mu$ m)

#### CDE – Adapter Type

E2S = E2000 Simplex  
E2D = E2000 Duplex  
FCD = FC (DD Ring)  
FCS = FC (Square Type)  
LCS = LC Simplex  
LCD = LC Duplex (SC Footprint)  
LCQ = LC Quad  
MPO = MPO (Key up & Key down)  
MPD = MPO (Key up & Key up)  
SCS = SC Simplex  
SCD = SC Duplex  
STS = ST Simplex  
FTS = FC to SC (Hybrid)  
STL = SC to LC (Hybrid)

#### FG – Flange/Flangeless

WF = With Flange  
FL = Flangeless  
NA = Not Applicable

*\*only for plastic adapter (E2000/LC/MPO/SC)\**