

# OPTICAL ADAPTER

## ADAP Series

### Product Description

Oplink offers a complete line of fiber optic adapters for both single mode and multimode. These adapters provide high performance and low insertion loss. We also offer various types of hybrid adapters permitting an interconnect between two different fiber-optic connector types. Our adapters comply with Telcordia, TIA/EIA specifications and meet industry green initiative such as RoHS.

### Features

- ◆ Available in FC, SC, ST, LC, MU and MPO type
- ◆ Available for simplex, duplex or hybrid
- ◆ High precision zirconia or phosphor bronze sleeves
- ◆ Low insertion loss
- ◆ High reliability and stability

### Applications

- ◆ Local Area Network (LAN)
- ◆ FTTx system
- ◆ Wide Area Network (WAN)
- ◆ CATV
- ◆ System interconnection
- ◆ Testing device accessory



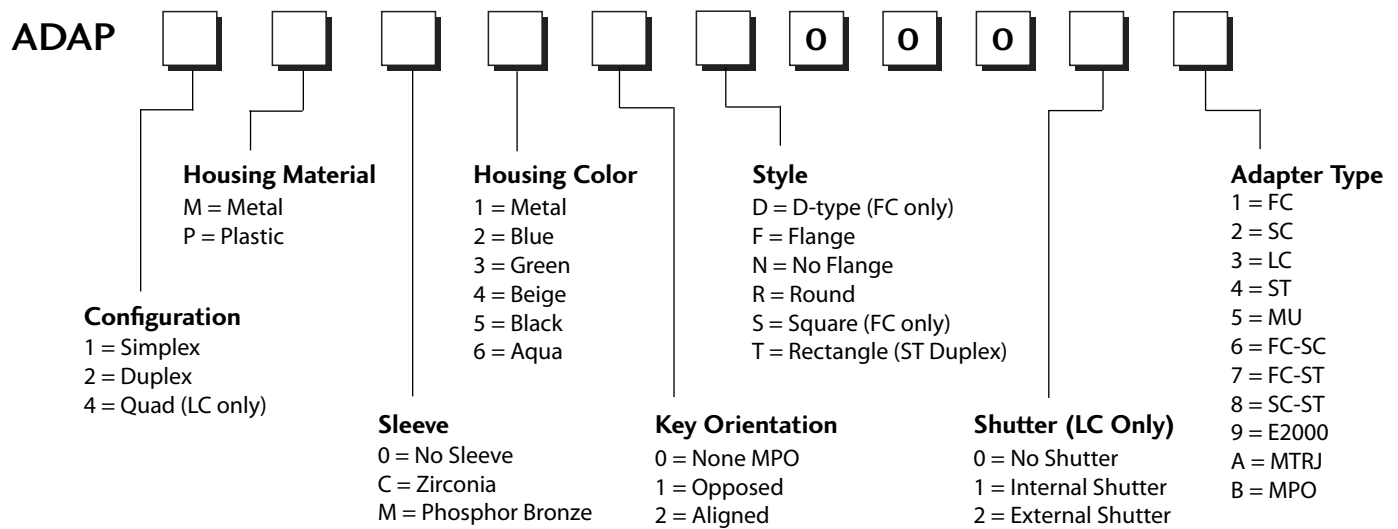
### Product Specifications

Parameters		Min.	Typical	Max.	Unit.
Type		FC, SC, ST, LC, MU, MPO Adapter			
Insertion Loss <sup>1)</sup>	SMF			0.2	dB
	MMF			0.3	
Connection Durability	500 matings		< 0.1		dB
Sleeve Withdrawal Force		2.0N – 5.9N (200gf – 600gf)			
Operating Temperature		- 20		+ 85	°C
Storage Temperature		- 40		+ 85	°C
Humidity (Non-condensing)				95	%

Note:

<sup>1)</sup> Measured using JDSU meter and Master Jumper.

## Ordering Information



### Oplink Standard Adapter Definition

Connection Type	Material	Sleeve	Color	Dust Cap Color	Available
SMF FC/PC Type	Metal	Zirconia	Metal	White	Square / Round
SMF FC/APC Type	Metal	Zirconia	Metal	Green	Square / Round
MMF FC/PC Type	Metal	PhBr	Metal	Black	Square / Round
SMF SC/PC Type	Plastic	Zirconia	Blue	Blue	Simplex / Duplex
SMF SC/APC Type	Plastic	Zirconia	Green	Green	Simplex / Duplex
MMF SC/PC Type	Plastic	PhBr	Beige	Beige	Simplex / Duplex
SMF ST/PC Type	Metal	Zirconia	Metal	Yellow	Simplex / Duplex
MMF ST/PC Type	Metal	PhBr	Metal	Black	Simplex / Duplex
SMF LC/PC Footprint Type	Plastic	Zirconia	Blue	White	Simplex / Duplex
SMF LC/APC Footprint Type	Plastic	Zirconia	Green	White	Simplex / Duplex
MMF LC/PC Footprint Type	Plastic	PhBr	Beige	White	Simplex / Duplex
SMF MPO Type	Plastic	-	Black	Black	Simplex