Fiber Optic Adapter

DYSFO's adapter can be inserted by different fiber optic connectors and realizes the conversion between FC, SC, ST, LC and other interfaces. It is widely used in fiber optic patch panels, terminal boxes and fiber optic communications.

LC   SC   FC   ST

one-piece type   split type

Features
- Different interfaces
- Easy operation
- Low insertion loss

Applications
- Telecommunication networks
- CATV networks
- FTTx project

Specifications
- APC/UPC type with a one-piece molded housing made of high-quality engineering plastic in green (APC) / blue (UPC). It has a robust structure and features a stainless steel latch, ensuring secure attachment to the panel adapter.
- The internal sleeve of the adapter is made of Zirconia Ceramic, connected to a plastic latch to align the ferrule ends of the connectors.
- Equipped with dust caps on both ends.
- SC and LC adapters/couplings are engraved or laser-printed with the product brand/trademark, ensuring durability and resistance to fading over time in natural environments.

Parameters	Specifications		
Fiber Type	MM	SM	
		UPC	APC-8°
Insertion Loss (dB)	≤ 0.3	≤ 0.2	≤ 0.2
Return Loss (dB)	≥ 35	≥ 55	≥ 60
Insertion Loss (dB)	≤ 0.2 (AVG)		
Durability (dB)	△IL ≤ 0.2, 1000 times plugging		
Connector Type	SC/LC, simplex, duplex		
Attenuation Stability (dB)	≤ 0.1 after 500 mating cycles		
Temperature Range (℃)	-40 ~ +75		
Humidity	≤ 95% RH		
Mechanical, environmental, and connectivity requirements according to ITU-T L.36/2008.	Vibration resistance (IEC 61300-2-1): complies with ITU-T L.36/2008 (section 9.2.1); Strength of the coupling mechanism (IEC 61300-2-6): complies with ITU-T L.36/2008 (section 9.2.2); Fiber/cable retention (IEC 61300-2-4): complies with ITU-T L.36/2008 (section 9.2.3.1); Change of temperature resistance (IEC 61300-2-22): complies with ITU-T L.36/2008 (section 9.2.6.4).		

Ordering information:

Part No.	Product Name	Description
SC/APC-AD-S	Fiber Optic Adapter	SC/APC-SC/APC adapter, Simplex
LC/UPC-AD-S	Fiber Optic Adapter	LC/UPC-LC/UPC adapter, Simplex

Note: For the necessity of improvement, the material contained in this document is subject to change without notice.

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