DATASHEET

FC Fiber Adapter









Description

FC fiber adapter are developed to couple and mate four FC connector plugs. The housing of the Adapters of the last generation has a reference key for the right position coupling and zirconia or phosphorus bronze split sleeve for high alignment.

OMC Adapters design, material and manufacturing process assure long life and high repeatability of optical performances even for different brand connectors mating.

Products Materials

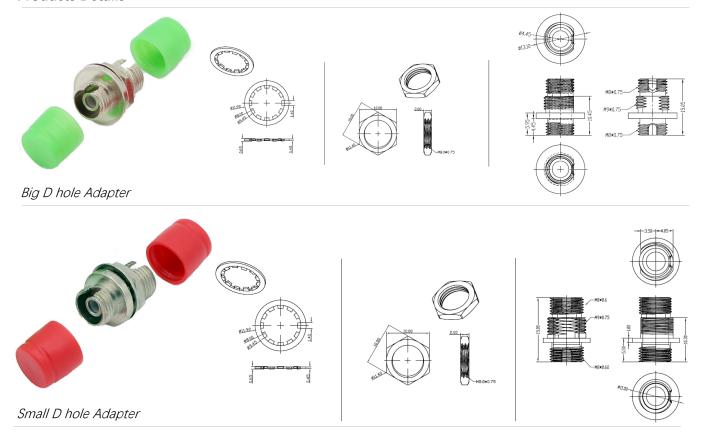
Parts name	Material	Color
Housing body	Nickel-plated brass or nickel-plated zinc	-
Sleeve	High precision Ceramic sleeve	White
Dust Cover	Rubber	Red/Black/Green/White

Optical Specifications

Test item	(SM-9/125) UPC	(SM-9/125) APC	MM PC		
Insertion Loss	≤0.2dB	≤0.2dB	≤0.2dB		
Return Loss	≥50 dB	≥60 dB	≥35 dB		
Durability (500 Mating)	0.1dB Max.				
Withdrawal force (g/f)	2.0N ~ 5.9N (200gf ~ 600gf)				
Storage Temp (°C)	-40 ~ +85				

Available for Simplex of SM UPC, SM APC, MM OM1 62.5/125, MM OM2, OM3, OM4 50/125

Products Details

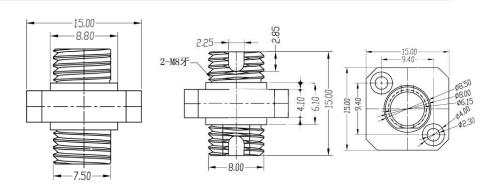




Products Details

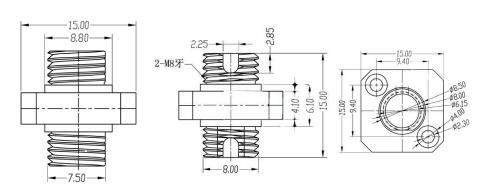


FC Square mount configurations fiber adapter-One piece Type



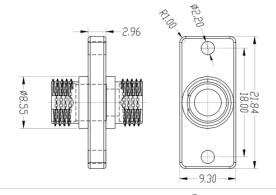


FC Square mount configurations fiber adapter-Two pieces type



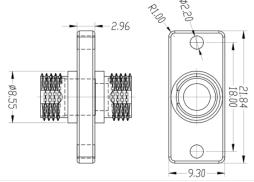


FC rectangle mount configurations Simplex Fiber adapter-One Piece type



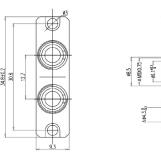


FC rectangle mount configurations Simplex Fiber adapter-Two Pieces type



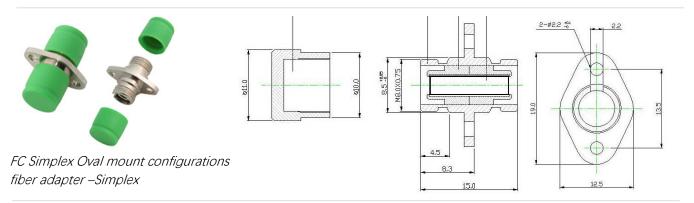


FC rectangle mount configurations
Duplex Fiber adapter-Two Pieces type





Products Details



Features:

NTT-FC compatibility
Corrosion resistant housing
Precision connection with sleeve
SM and MM connector can be used interchangeably
Low insertion loss, High Return loss
Good interchangeability and reliability
Meet IEC and ROHS standards
High precision of mechanical dimensions Accuracy

Application:

Patch panels, ODF and other optical connections.

Optical networks demarcation and monitoring point

Order index

Products	- Ports	- Fiber Port	Structure	- Body Material	- Cap Color
H6– Fiber adapter	1-Simplex	3 - FC	1– Small d type	1-Nickel-plated zinc	1- Red
	2-Duplex		2– Big D type	2-Nickel-plated brass	2-Green
			3– Square mount configurations –one piece	3-Plastic	3-Black
			4– Square mount configurations –Two pieces		
			5- Rectangle mount configurations -one piece		
			6- Rectangle mount configurations -Two pieces		
			7– Oval mount configurations –one piece		
			8– Special Size		