

DATASHEET

D4 Fiber Adapter



OMC INDUSTRY CO.LIMITED

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Description

D4 Simplex Fiber Adapter are developed to couple and mate two D4 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/Zinc alloy	-
Sleeve	High precision Ceramic sleeve	White
Dust Cover	Rubber	Red/White/Black/Yellow

Optical Specifications

Test item	(SM-9/125) UPC	(SM-9/125) APC	MM PC
Insertion Loss	$\leq 0.2\text{dB}$	$\leq 0.2\text{dB}$	$\leq 0.2\text{dB}$
Return Loss	$\geq 50\text{ dB}$	$\geq 60\text{ dB}$	$\geq 35\text{ dB}$
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 50/125

Features:

JIS C5972 Compliance
 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	Body Material	Cap Color
H6- Fiber adapter	1-Simplex	9 - D4	1 - Nickel plated brass	1 - red
	2-Duplex		2 - Zinc alloy	2 - Black
				3 - Green
				4 - yellow