

DATASHEET

MU Fiber Adapter



RoHS



OMC INDUSTRY CO.LIMITED

Description

MU fiber adapter (also called MU couplers) are developed to couple and mate two MU connector plugs. MU adapters are approximately half the size of an SC coupler and utilize zirconia sleeves for precision alignment. These couplers are available in both simplex and duplex versions and mount into rectangular panel cutouts.

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	PC	Brown
Sleeve	High precision Ceramic sleeve	White
Out jacket shell	Stainless Steel	-
Dust Cover	ABS	White

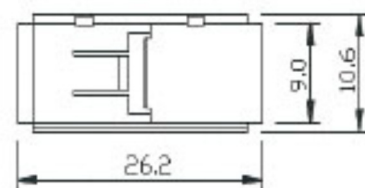
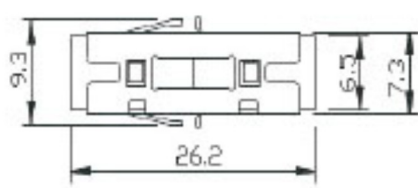
Optical Specifications

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



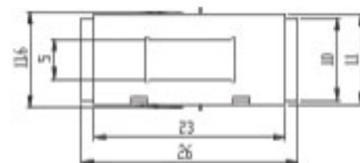
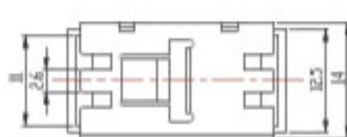
Simplex



Unit: mm



Duplex



Unit: mm

Features:

NTT-MU hardware compatibility
TIA-604 Compliant
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
H6- Fiber adapter		1-Simplex 2-Duplex		7 - MU