DATASHEET

E2000 Fiber Adapter
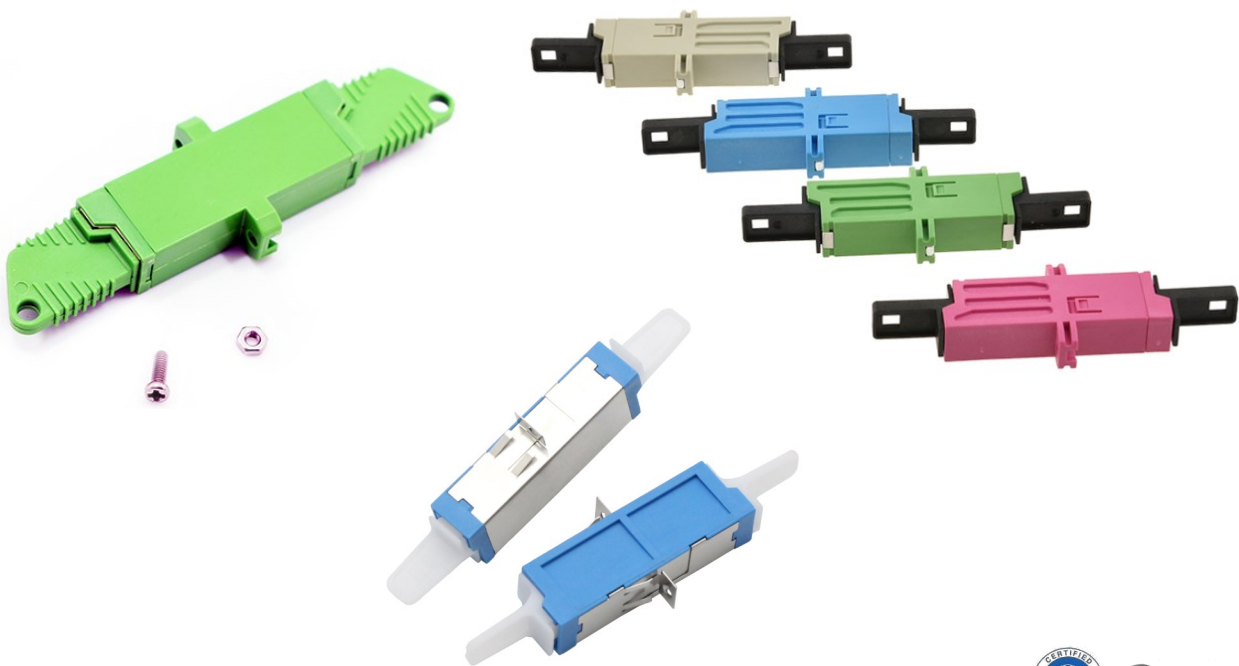
RoHS

OMC INDUSTRY CO.LIMTED
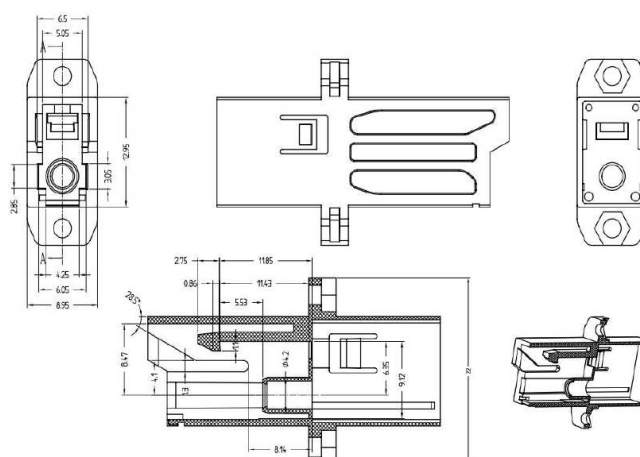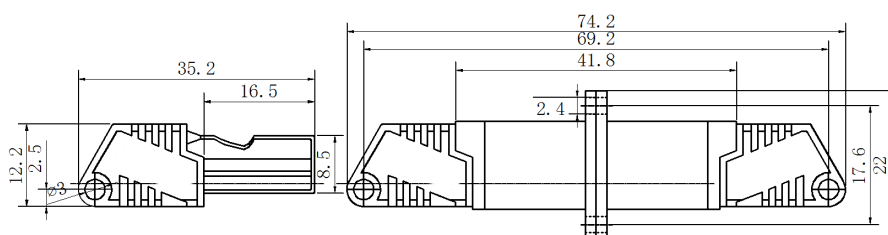
E2000 Fiber Adapter

Description

E2000 Adapter are developed to couple and mate two E2000 connector plugs. The E2000 fiber optic adapter features injection-molded PBT housing, rated to the UL94V-01 Flammability Index. Spring-loaded shutters protect against dust and scratching. A high-quality split ceramic sleeve ensures high performance over 1000 mating cycles. The adapter may be ordered with color coded housing and frames.
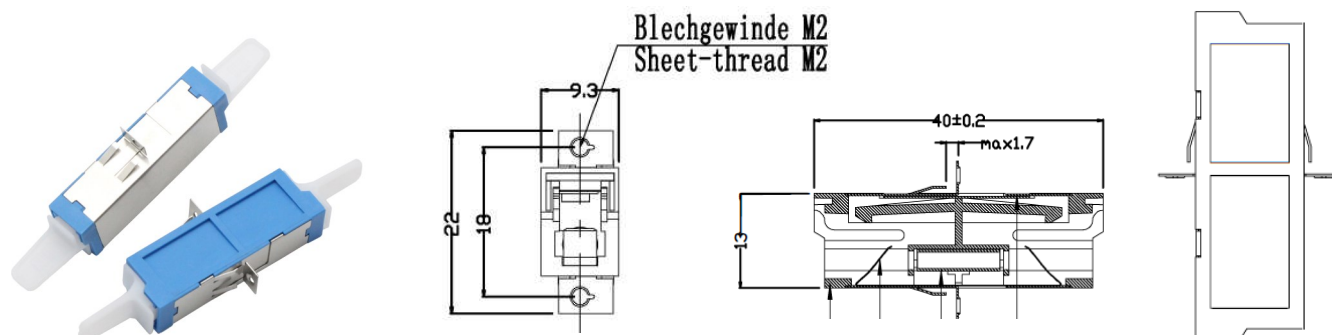
OMC Adapters design, material and manufacturing process assure long life and high repeatability of optical performances even for different brand connectors mating.

Products Materials

Parts name	Material	Color
Housing body	PBT	SM APC:Green;SM UPC:Blue MM PC: Beige;OM4 PC:Magenta
Metal Clip/Flange	SUS304	Slivery
Sleeve	High precision Ceramic sleeve	White
Dust Cover	PBT	Green/Blue/Black

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（℃）	-40 ~ +85		

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

Standard E2000 Adapter With Flange
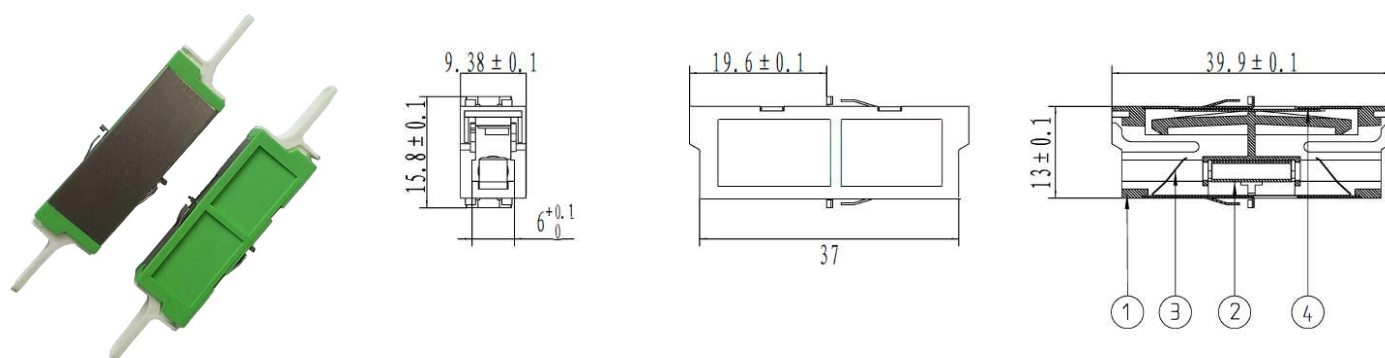

H Style E2000 Adapter With Flange

E2000 Fiber Adapter

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

R Style E2000 Adapter With Flange

R Style E2000 Adapter With no Flange

Features：

Compliant with European (EN 186270) and International (IEC 61754-15) standards.
Push-pull locking mechanism for easy installation
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	-	Cap Color
H6– Fiber adapter		1-Simplex		5 - E2000		1– No Logo (Standard one with flange)		1 - Blue
		2-Duplex				2– China Made H Style with Flange		2 - Beige
						3 – China Made R Style with Flange		3 - Green
						4 – China Made R Style withno Flange		4 - Magenta