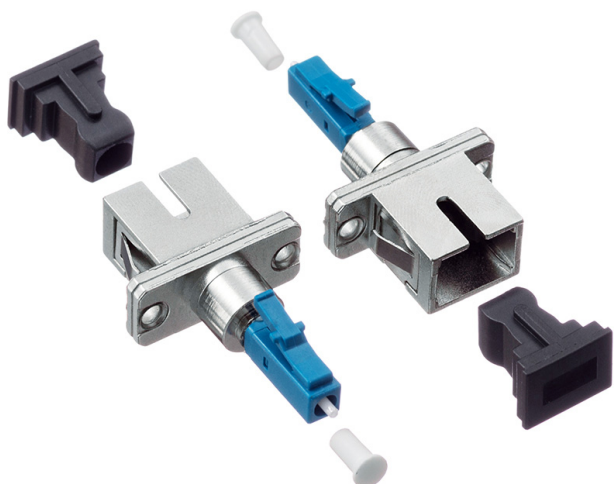


# DATASHEET

## SC Female to LC Male conversion adapter

Simplex



Duplex



RoHS



OMC INDUSTRY CO.LIMITED

## Description

**SC Female to LC male conversion adapter** adopt embedded optical fiber connector and optical fiber ferrule matching Sleeve joint technology. The products can hybrid a type of fiber optic connectors (male) into another type of optical fiber connector (male). It keeps the advantages of small size, light signal stable, easy to use characteristics, widely used in optical fiber equipment instrument testing and rescue project construction field.

**This SC(Female) to LC(Male) fiber optic conversion adapter**, Converting SC connector to LC Connector. Variable SC interface conversion LC interface. Provided a simple and reliable solution for connecting two different optic fiber transmission joints.

## Specification:

Test item	(SM-9/125) UPC	(SM-9/125) APC	MM-50/125 PC	MM-62.5/125 PC
Insertion Loss	$\leq 0.3\text{dB}$	$\leq 0.3\text{dB}$	$\leq 0.3\text{dB}$	$\leq 0.3\text{dB}$
Return Loss	$\geq 50\text{ dB}$	$\geq 60\text{ dB}$	$\geq 35\text{ dB}$	$\geq 35\text{ dB}$
Durability (500 Mating)	0.2dB Max.			
Operation Temp	-40 ~ +85			
Storage Temp	-40 ~ +85			

Remark: SC Female to LC Male Hybrid Adapter are ultra-reliable components featuring low insertion loss and back reflection loss. You can select single mode 9/125um or multimode 62.5/125um or multimode 50/125um.

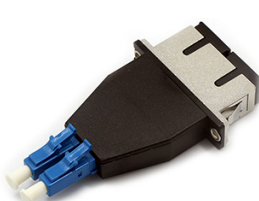
## Products details



Simplex-SM



Simplex-MM



Duplex-SM



Duplex-MM

### Available

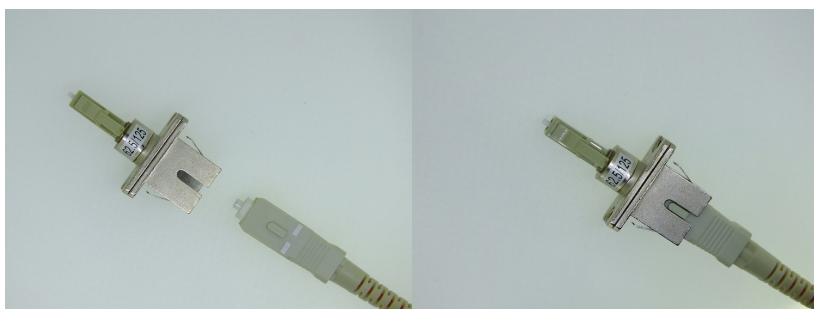
SM UPC, SM APC,  
MM OM1 62.5/125,  
MM OM2 50/125  
MM OM3 50/125  
MM OM4 50/125

## Applications

Telecom network  
Optical data transmission connection  
Fiber optic equipment testing and engineering rescue construction

## Features

Low insertion loss  
High corrosion resistance  
High interface performance  
High return loss  
Easy to handle



## Order index

Products	-	Fibers	-	Fiber Mode	-	Female Connector	-	male Connector
I-Female to male		1-Simplex		1- SM 9/125		A- LC UPC		A- LC UPC
Fiber Adapter		2-Duplex		2- OM1 62.5/125		B- LC APC		B- LC APC
				3- OM2 50/125		C- SC UPC		C- SC UPC
				4- OM3 50/125		D- SC APC		D- SC APC
				5- OM4 50/125		E- FC UPC		E- FC UPC
						F- FC APC		F- FC APC
						G-ST UPC		G-ST UPC
						H- E2000 UPC		H- E2000 UPC
						I - E2000 APC		I - E2000 APC
						J- SMA UPC		J- SMA UPC