

## The Datasheet of Hybrid Fiber Adapter

An adapter is a mechanical device designed to align fiber-optic connectors. It contains the interconnect sleeve, that holds the two ferrules together.

**Hybrid fiber optic adapters** offer a solution for hybrid applications where the two different kinds of fiber connectors or cable assemblies need to be linked with each other.

### Features:

Types: FC-LC, FC-SC, FC-ST, FC-MU, SC-ST, SC-LC, SC-MU, ST-LC, ST-SMA...

Low insertion loss, high return loss

Good compatibility

High precision of mechanical dimensions

High reliability & stability

Ceramic or Bronze Sleeve

PC、APC、UPC optional

Simplex / Duplex

### Application:

Local Area Network

CATV System

Telecommunication Networks

Equipment Test

### Specification:

Parameter	Unit	LC, SC, FC, MU, ST, SC-ST, FC-ST, FC-SC, FC-LC, FC-MU...				MTRJ			E2000	
		SM			MM	SM		MM	SM	
		PC	UPC	APC	PC	PC	UPC	PC	PC	APC
Insertion Loss (Typical)	dB	≤0.2	≤0.2	≤0.3	≤0.2	≤0.2	≤0.2	≤0.2	≤0.2	≤0.2
Return Loss	dB	≥45	≥50	≥60	≥30	≥45	≥50	≥35	≥55	≥75
Exchangeability	dB	≤0.2				≤0.2			≤0.2	
Repeatability	dB	≤0.2				≤0.2			≤0.2	
Durability	Time	>1000				>1000			>1000	
Operating Temperature	°C	-40~75				-40~75			-40~75	
Storage Temperature	°C	-45~85				-45~85			-45~85	

## Hybrid Adaptor

### SC-ST Series



SC(F)-ST(F) Plastic Adaptor



ST(F)-SC(F) Metal Adaptor



SC(F)-ST(F) Duplex Plastic Adaptor



SC(F)-ST(F) Duplex Metal Adaptor



SC(F)Plastic-ST(F)Metal Adaptor



ST(M)-SC(F) Metal Adaptor



SC(M)-ST(F) Adaptor(SM,MM)



SC(M)Plastic-ST(F)Metal Duplex Adaptor

### SC-FC Series



SC(F)-FC(F) Adaptor



SC(F)-FC(F) Simplex Metal Adaptor



FC(F)-SC(F) Duplex Plastic Adaptor



SC(F)-FC(F) Duplex MM Plastic Adaptor



FC(F)-SC(F) Duplex Metal Adaptor



FC(M)-SC(F) Metal Adaptor



SC(F)Plastic-FC(M)Metal Adaptor



SC(M)Plastic-FC(F)Metal Adaptor

**SC-LC Series**



LC(F)-SC(F) Metal Adaptor



LC(F)-SC(F) Plastic Adaptor



LC(M)Plastic-SC(F)Metal Adaptor



SC(M)Plastic-LC(F)Metal Adaptor



SC(M)-LC(F) Plastic Adaptor



SC(M)-LC(F)Duplex Plastic Adaptor



SC(F)-LC(F) Duplex Metal Adaptor

**LC-FC Series**



LC(F)-FC(F) Adaptor



LC(F)Plastic-FC(F)Metal Adaptor



FC(M)-LC(F) Metal Adaptor



LC(F)Plastic-FC(M)Metal Adaptor



LC(M)Plastic-FC(F)Metal Adaptor



LC(F)-FC(F) Duplex Metal Adaptor

LC-ST Series



LC(F)-ST(F) Metal Adaptor



LC(M)Plastic-ST(F)Metal Adaptor

FC-ST Series



FC(F)-ST(F) Metal Adaptor



FC(F)-ST(F) Plastic Adaptor



ST(F)-FC(F) Round Metal Adaptor



FC(M)-ST(F) Metal Adaptor



ST(M)-FC(F) Metal Adaptor

MU-...Series



MU(F)-SC(F) Metal Adaptor



MU(F)Metal-LC(F)Plastic Adaptor



MU(F)-FC(F) Metal Adaptor



MU(F)Plastic-FC(M)Metal Adaptor

**E2000-...Series**



**E2000(F)-LC(F)  
Adaptor**



**E2000(F)-FC(F)  
Adaptor**



**E2000(F)-SC(F)  
Adaptor**

**DIN-...Series**



**ST(F)-DIN(F) Metal  
Adaptor**



**FC(F)-DIN(F) Metal  
Adaptor**

**Others:**



**FC(M)-FC(M) Adaptor**



**SMA(M)-ST(F) MM  
Metal Adaptor**