

# FIBER OPTIC ACCESSORIES

LC/UPC SM/MM CONNECTOR



## FEATURES

- The style is diverse, the interface is complete
- Low insertion loss and added loss
- Height of attenuation
- High back loss, small volume, light weight
- High stability, high reliability
- Mechanical performance: IEC 874-20.

## APPLICATION

- Optical fiber communication systems engineering
- Fiber optic data communication network
- Fiber CATV engineering
- Other optical technology tests



## SPECIFICATION

Applicable connector type.	LC/UPC
Optical fiber type	SM/MM
Test the wavelength	1310nm~1550nm
Insert core diameter	1.25 mm
Insert core parameter	Aperture: 125.5+1/-0 $\mu$ m, Concentricity: $\leq$ 1.0 $\mu$ m
Durability	1000 times plug
Suitable for optical cable diameter	2.0mm, 3.0 mm
Working temperature	-20°C to +70°C
Storage temperature	-40°C to +85°C

## PRODUCT PARAMETERS

Type	SM-UPC		MM-UPC	
	Typical	MAX	Typical	MAX
Insertion loss	$\leq$ 0.1	$\leq$ 0.3dB	$\leq$ 0.05	$\leq$ 0.3dB
Return loss	$\geq$ 50dB		$\geq$ 30dB	
Ferrule hole sizes	125.2-126.2 $\mu$ m		125-128 $\mu$ m	

## ORDER INFORMATION

PRODUCT	PART NUMBER
LC Connector Simplex, SM	F-CN-LC9-SX
LC Connector Duplex, SM	F-CN-LC9-DX
LC Connector Simplex, MM	F-CN-LC5-SX
LC Connector Duplex, MM	F-CN-LC5-DX