

FIBER OPTIC ACCESSORIES

FC/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 874-13.

APPLICATION

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



SPECIFICATION

Applicable connector type.	FC/UPC
Optical fiber type	SM/MM
Test the wavelength	1310nm~1550nm
Insertion loss	Typical value ≤ 0.15 , maximum ≤ 0.30
Return Loss	≥ 50 dB
Insert core diameter	2.5 mm
Insert core parameter	Aperture: $125.5 \pm 1/-0 \mu\text{m}$, Concentricity: $\leq 1.0 \mu\text{m}$
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	≤ 0.1	≤ 0.3 dB	≤ 0.05	≤ 0.3 dB
Return loss	≥ 50 dB		≥ 30 dB	
Ferrule hole sizes	125.2-126.2um		125-128um	

ORDER INFORMATION

PRODUCT	PART NUMBER
FC Connector Simplex, SM	F-CN-FC9-SX
FC Connector Simplex, MM	F-CN-FC5-SX

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