

## LC/APC SM Connector specification



### Application

- 1.Optical fiber communication systems engineering
- 2.Fiber optic data communication network
- 3.Fiber CATV engineering
- 4.Other optical technology tests

### Features

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

### Specification

Applicable connector type.	LC/APC
Optical fiber type	SM
Test the wavelength	1310nm~1550nm
Insertion loss	Typical value $\leq$ 0.15,maximum $\leq$ 0.30
Return Loss	$\geq$ 60dB
Insert core diameter	$\phi$ 1.25mm
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	$\phi$ 2.0mm, $\phi$ 3.0mm
Working temperature	-20°Cto +70°C
Storage temperature	-40°Cto +85°C