

Single Fiber Collimator

The Single fiber collimator is the basic element for fiber optics components, it characterized with low IL, high return loss, long working distance. It provides excellent performance, stability and has met Bellcore-1209 requirements.



Features

- Low Insertion Loss
- High Return Loss
- High Stability and Excellent Reliability

Applications

- Fiber optics components
- Laboratory R&D

Specifications

Item	Unit	Specifications	
Center Wavelength	nm	840	1260 ~ 1650
Focal Distance	mm	4.23	1.71
Numerical Aperture	mm	0.13	0.14
Beam Waist Diameter	mm	0.82	0.36
Divergence angle	°	0.038	0.13
Working distance	mm	0 ~ 340 or Specify	0 ~ 20 or Specify
Fiber Type		Hi 780	SMF-28e+
Max. Optical Power	mW	≦ 300	
Operating Temperature	°C	0 to +70	
Storage Temperature	°C	-40 to +85	

Ordering Information

- SFCOL-□-□-□-□-□
- Connectors Type: FC/PC, FC/APC, SC/PC, SC/APC, LC/PC or others
 - Fiber Length: (Unit: m)
 - Cable Type: 025:Φ0.25mm, 09:Φ0.9mm
 - Working Distance: (Unit: mm)
 - Wavelength: 131:1310nm, 155:1550nm