

# 1410 Collimator

CLL1000-S



## 1260 nm to 1620 nm Collimator, 5 mm Operating Distance

The CLL1000-S is a 1260 nm to 1620 nm collimator, 5 mm operating distance. It is characterized with low insertion loss, high return loss, epoxy free in optical path and environmental stability. It can be used for isolator, circulator, FWDM and CWDM.

### FEATURES

- Low IL & High Return Loss
- Epoxy Free In Optical Path
- Environmental Stability

### USE IN

- Isolator
- Circulator
- FWDM
- CWDM

Operating Wavelength	1260 nm to 1620 nm	
Bandwidth	±30 nm	
Working Distance	5 mm	
Insertion Loss	0.2 dB typ.; 0.25 dB max.	
Return Loss	60 dB min.	
PDL	0.02 dB max.	
Power Handling	500 mW max.	
Operating Temperature	-5°C to +70°C	
Storage Temperature	-40°C to +85°C	
Fiber Type	SMF28e	
Dimensions	1.8(OD) Lens	3.2x10 Metal Holder or 2.78x9.0 Glass Tube
	1.0(OD) Lens (only 1310, 1550 nm)	1.8x7 mm Metal Holder or 1.4x7 mm Glass Tube

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.  
**1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**  
**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**