

# 1404 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.                      |  |
| Optical Power         | 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 |