

## 0905 High Power Collimator

HCL4000



### 1550 nm Optical Collimator, Single Fiber, 1 W, C/G Lens

The collimator is a 1550 nm optical collimator, single fiber, 1 W, C/G lens. It offers high return loss, low insertion loss and compact in size. It can be used for optical passive components.

#### FEATURES

- High Return Loss
- Low Insertion Loss
- Compact in Size

#### USE IN

- Optical Passive Components
- Laser Instruments
- Active Device

Stage	Single Stage	Dule Stage
Wavelength	1550 nm	
Insertion Loss	0.07 dB min.; 0.15 dB max.	0.10 dB min.; 0.20 dB max.
Return loss	65 dB min.	60 dB min.
Diameter	0.45 mm max.	
Power Handling	1 W max.	
Tensile Load	5 N max.	
Operating Temperature	-20°C to +80°C	
Storage Temperature	-40°C to +85°C	
Fiber Type	SMF-28e	

**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.**