

# 0805 High Power Collimator

**HCL4001**



## 1550 nm Optical Collimator, Single Fiber, 2 W, C/G Lens

The HCL4001 is a 1550 nm optical collimator, single fiber, 2 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	
Grade	P Grade	A Grade	P Grade	A Grade
Wavelength	1550 nm			
Insertion Loss	0.07 dB min.	0.15 dB min.	0.10 dB min.	0.20 dB min.
	0.15 dB max.	0.20 dB max.	0.20 dB max.	0.25 dB max.
Return loss	65 dB min.	60 dB min.	60 dB min.	55 dB min.
Diameter	0.45 mm max.			
Power Handling	2 W max.			
Tensile Load	5 N max.			
Operating Temperature	-20°C to +80°C			
Storage Temperature	-40°C to +85°C			
Fiber Type	Corning SMF-28e			