

# 0805 High Power Collimator



## 1064 nm Optical Collimator, Single Fiber, 2 W, C/G Lens

The HCL2001 is a 1064 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
- Active Device
- Laser Instruments

Stage	Single Stage		Duple Stage	
Grade	P Grade	A Grade	P Grade	A Grade
Wavelength	1064 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			