

0805 High Power Collimator



1310 nm Optical Collimator, Single Fiber, 1 W, C/G Lens

The HCL3000 is a 1310 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	
Grade	P Grade	A Grade	P Grade	A Grade
Wavelength	1310 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	1 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			