

0805 High Power Collimator



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

The HCL4000 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 | |
|-----------------------|-----------------|--------------|--------------|--------------|
| 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 | 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 | | | |