

Single Fiber Collimator (COLL)

Features:

Low insertion loss
High Efficiency
stability and reliability

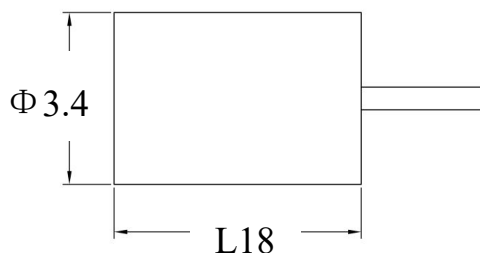
Application:

Wave Fiber Laser
High-Power Laser Equipment
Experimental tests and other areas

| Parameter | Value | Unit | Note |
|----------------------------|--------------------------------------|------|------------|
| Operating Wavelength | 1030±10 | nm | |
| Insertion Loss | ≤0.50 | dB | |
| Return Loss | ≥50 | dB | |
| Work Distance | 300 | mm | |
| Ellipticity | - | % | |
| M ² Degradation | - | % | |
| Divergence (Full Angle) | - | mrad | |
| Fiber Type | Corning Hi1060 with 250μm bare fiber | - | |
| Φ3mm Armored Cable Length | - | m | |
| Φ0.9mm Loose Tube Length | - | m | |
| Fiber Length | 1.0 | m | |
| Power Handling | ≤500 | mW | |
| Operating Temperature | -5 ~ +70 | °C | |
| Storage Temperature | -40 ~ +85 | °C | |
| Dimensions (Φ*L) | Φ3.4x18 | mm | Metal Tube |

*Insertion loss of light through fiber cladding is not included in the Insertion loss specification.

Mechanical Dimension



Ordering Information

GCOLL-C-1-2-3-4-5-6

| | Lens Type | C-CLens ;G-GLen |
|---|-----------------------------------|---|
| 1 | Operating Wavelength | 1310=1310nm, 1550=1550nm, C=1528~1565, L=1570~1605, etc |
| 2 | Handling Power | 10W 20W 50W 100W , etc |
| 3 | Fiber Type | Corning Hi1060 with 250μm bare fiber, etc |
| 4 | Work Distance | 300nm |
| 5 | Package | 3.4x18, etc. |
| 6 | Bare Fiber Length With Loose Tube | 01 - 1m 02 - 2m etc. |