

Custom Fiber Collimator

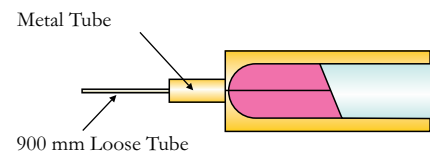
To meet current special demand, more kinds of collimators have been released:

- Hermetic Collimator
- Special Fiber (e.g. 80μm RC Fiber) Collimator
- Tap Collimator & Collimator Array
- Small/Large Beam Size Collimator

Hermetic Single Fiber Collimator

Features:

- High Hermetization
- Mini Housing Diameter down to 1.5 mm
- Choice Dimension of Housing Tube
- Ultra-High Stable and Reliable
- Epoxy-Free in Optical Path
- Telcordia Compliant

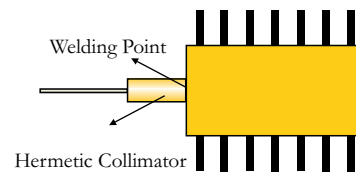


Applications:

- All Passive & Active Fiber Components Assembly
- Butterfly Packaging Hermetization

Key Specifications:

- Excess Insertion Loss: $\leq 0.1\text{dB}$



Optical Butterfly Packaging

RC Fiber Collimator

RC(Reduced Cladding) fiber is a kind of fiber with smaller fiber cladding(80μm) than that of standard single mode fiber(125μm), the collimator made from which can be used to reduce the dimension of devices and modules to meet current demand on miniaturization.

Features:

- Small Bending Loss
- Low Insertion Loss and High Return Loss
- Mini Housing Diameter down to 1.3mm
- Epoxy-Free in Optical Path
- Telcordia Compliant

Applications:

- Miniature WDM Mux & Demux
- Miniature Matrix Switch

Key Specifications:

- Excess Insertion Loss: $\leq 0.1\text{dB}$
(compared with SMF-28 fiber)
- Fiber Type: 80μm RC Fiber

Tap Collimator

Features:

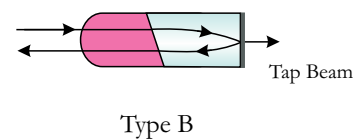
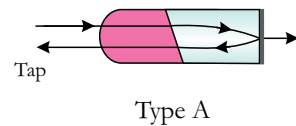
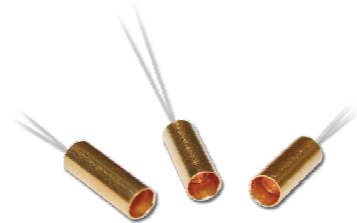
- High Precision Tap Ratio
- Low Insertion Loss and High Return Loss
- Filter Type
- Epoxy-Free in Optical Path
- Telcordia Compliant

Applications:

- Hybrid Isolators
- Power Monitors
- WDM Devices

Key Specifications:

- Tap Ratio: 1%~50%



Collimator Array

Features:

- Good Conformity
- Low Insertion Loss and High Return Loss
- Epoxy-Free in Optical Path
- Telcordia Compliant

Applications:

- Isolator Array
- Switch Array
- VOA Array

Key Specifications:

- Insertion Loss: $\leq 0.5\text{dB}$
- Return Loss: $\geq 55\text{dB}$
- Two Seam Way: Adhesive and Welding

