



Fiber Collimator for Telecommunication Application

Fiber Collimator (**FCO**) can be used either to produce a collimated beam from the fiber's output, or to receive and ready collimated beam and focus the light into a fiber. It meets Bellcore GR-1209-CORE specifications.

Features of our Collimator:

- Low insertion loss
- High return loss
- Long working distance
- Epoxy-free optical path
- High stability and reliability

Applications for our Collimator:

- Isolator and circulator
- WDM components
- Laser and Detector





Specifications

Operating Wavelength	nm	1310 or 1550	
Bandwidth	nm	≥ 60	
Grade		P	A
Insertion Loss	dB	≤ 0.18	≤ 0.22
Maximum Insertion Loss	dB	≤ 0.20	≤ 0.30
Return Loss	dB	≥ 65	≥ 60
Polarization Dependent Loss	dB	typical 0.01, maximum 0.03	
Beam Divergence		0.25	
Acceptance Angle		± 0.15	
Beam Diameter	mm	≤ 0.5	
Maximum Tensile Load	N	5	
Maximum Power Handling	mw	300	
Operating Temperature	°C	-10 ~ +70	
Storage Temperature	°C	-40 ~ +85	

- For Working Distance: Customer specify

We have unbeatable low price for this product.