

Fiber End Cap

(PM or Non-PM)

High Power Fiber End-Caps (FEC) can be used for high power fiber lasers and fiber amplifiers. These devices can be used to reduce the power density at the output of the fiber facet. A mode stripper is incorporated into all Lighttel FECs to clean the cladding from the unwanted back-reflected light.

Features

- High Power Applications
- Low Signal Loss and Beam Quality Degradation
- High Extinction Ratio (For PM Fiber)
- Integral Mode Stripper
- Stable and Reliable

Applications

- High Power Fiber Lasers
- Scientific Research
- Sensors



Specifications

Parameter	Specification				
Port Configuration	Fiber in, free-space out				
Signal Wavelength	800 nm ~ 2000 nm				
Input Fiber	x/125	x/250	x/400	200/220	400/440
Signal IL	<0.1 dB				
Output Beam Ellipticity	>95% (for single mode input)			-	
Polarization ER	>20 dB (Input PER>23 dB for PM type)			-	
Power Handling	200W 500W				
Return Loss	>45 dB				
Package Size	Φ17mm x 80 mm				
Pigtail	Standard 2m armor cable, 2.5m PVC, 3m fiber (or custom)				
Operating Temperature	0~75°C				
Storage Temperature	-40~85°C				

Ordering Information

F E C -



Fiber Type

20: MM-S200/220-22A
22: MM-S400/440-22A
47: Passive-25/250DC NA:0.07/0.46
50: Passive-20/400DC NA:0.07/0.46



Special Code