

## PI 200W Mode Stripping Fiber Collimator

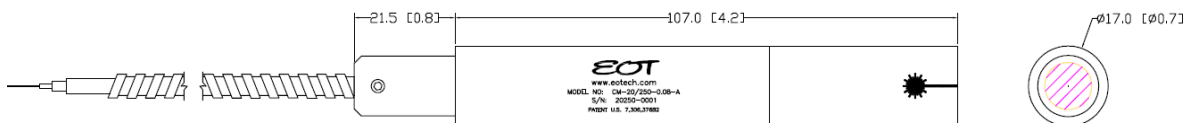


Features:	Benefits:
<ul style="list-style-type: none"> <li>EOT's patented high power collimator technology</li> <li>Patent U.S. 7,306,376 B2</li> <li>Stainless steel armor cable</li> </ul>	<ul style="list-style-type: none"> <li>Resistance to high levels of back reflected power, and can be used with most customer supplied PI fiber with a cladding diameter of <math>\leq 250\mu\text{m}</math>.</li> <li>Limits fiber breaks.</li> </ul>

Part No. (Model) <sup>a</sup>	110-10234-0001 (CM-20/250-NA0.08)
Design Wavelength	1064nm
Operating Wavelength Range	1020 – 1150nm
Insertion Loss	$\leq 0.13\text{dB}$
Pulsed Damage Threshold @ 10ns	5mJ/pulse
Beam Diameter	$5\pm 0.25\text{mm}$
Return Loss	$< -55\text{dB}$
Operating Temperature for $>20\text{dB}$ isolation	0 to 70°C
Storage Temperature	-10 to 80°C
Humidity	0-90% non-condensing
Forward $P_{\text{avg}}$ Handling	$\leq 200\text{W}$
Reverse $P_{\text{avg}}$ Handling	$\leq 50\text{W}$
Fiber Type	20/250, NA 0.08
Fiber Protection <sup>b</sup>	5mm dia. stainless steel armor
Fiber Length	3m

Notes:

- Product specifications and pricing subject to change without notice.
- Physically dangerous levels of radiation can be associated with fiber breaks when used at high power levels. If isolator is purchased without armor cable, the customer accepts all liability and responsibility for any damages and/or personal injury due to fiber breaks or other non-conformance of the product.



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