

PM Fiber to Fiber Isolator



Features:	Benefits:
<ul style="list-style-type: none"> EOT's patented collimator technology, Patent U.S. 7,306,376 B2 	<ul style="list-style-type: none"> Resistance to high levels of back reflection and ability to use most fiber with $\leq 330\mu\text{m}$ cladding
<ul style="list-style-type: none"> Short optical pathlength, maximizes coupling efficiency 	<ul style="list-style-type: none"> Prevents amplifiers from Q-switching and Raman affects
<ul style="list-style-type: none"> Optional ASE filter 	

Description	Specification ^a
Part No. (Model)	110-10241-0001 (PMF2F-30-Yb)
Operating Center Wavelength	1064nm, custom
Operating Wavelength Range	$\pm 10\text{nm}$
Isolation @ 23°C	25dB
CW Power Handling	30W
Pulse Power	Fiber limited
Insertion Loss @ 23°C	1.0dB
Return Loss @ 23°C	-50dB
Operating Temperature for >20dB isolation	5 to 50°C
Storage Temperature	-10 to 60°C
Fiber Type ^b	Standard PM980, LMA PM, custom
Fiber Protection	Stainless steel armor cable
Notes:	
a. Product specifications and pricing subject to change without notice.	
b. 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.	