

PI Fiber to Fiber Isolator



Features:	Benefits:
<ul style="list-style-type: none"> EOT's patented collimator & isolator technology, Patent US 7,306,376 B2 and 7,426,325 B2 	<ul style="list-style-type: none"> Resistance to high levels of back reflection and ability to use most fiber with <330μm cladding
<ul style="list-style-type: none"> Short optical pathlength, maximizes coupling efficiency Optional ASE filter 	<ul style="list-style-type: none"> Superior high power performance.
Description	Specifications ^a
Part No. (Model)	110-10240-0001 (PIF2F-30-Yb)
Operating Center Wavelength	1064nm, custom
Operating Wavelength Range	± 10 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	Corning HI-1060, LMA, custom
Fiber Protection ^b	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.	