

TECHNICAL DATASHEET

980-1080nm TGG Optical Isolator + Optical Filter 2-in-1 Hybrid

Product family	Mini & Hybrid
Key selection	980-1080nm / TGG

Technical Specifications

Parameter	Unit	Specification
Center Wavelength	nm	1064,1030,980
Operating Wavelength Range	nm	±5
Minimum Passband Width (@ -0.5 dB)	nm	2,5,8,15 orSpecified
Maximum Stopband Width (@ -25 dB)	nm	As Specified
Maximum Passband Insertion Loss @ 23°C	dB	1.2
Minimum Isolation @ 23°C ($\lambda_c \pm 15$ nm)	dB	25
Minimum Extinction Ratio @ 23°C (PM fiber)	dB	20
Maximum PDL @ 23°C (SM fiber)	dB	0.15
Minimum Return Loss @ 23°C	dB	50
Maximum Power (CW)	W	0.3,1,2,5,10,20orSpecified
Maximum ns Pulse Peak Power	kW	10 orSpecified
Maximum Tensile Load	N	5
Operating Temperature	°C	0 to +70
Storage Temperature	°C	-40 to +85

Configuration Notes

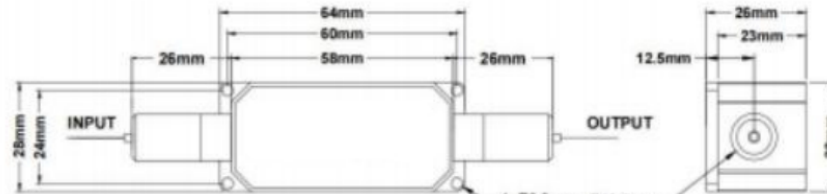
Available wavelength, optical power, fiber, connector, pigtail and package options depend on the selected product configuration. Please include the target application and quantity with your RFQ. Final ordering details are confirmed in the quotation.

www.kernsoptic.com | jenny@kernsoptic.com

Package Dimensions

980-1080nm TGG Optical Isolator + Optical Filter 2-in-1 Hybrid

Package reference: 58x28x26



Dimensions are shown in millimetres unless otherwise indicated. Final package, pigtail and connector configuration should be confirmed in the quotation.