

TECHNICAL DATASHEET

980-1080nm 100W TGG High Power Optical Circulator

Product family	Optical Circulators
Key selection	980-1080nm / 100W / TGG

Technical Specifications

Parameter	Unit	Specification
Center Wavelength	nm	1064,1030,980
Operating Wavelength Range	nm	±5
Typical Peak Isolation	dB	25
Minimum Isolation @ 23°C	dB	22
Typical Insertion Loss @ 23°C	dB	1.3
Maximum Insertion Loss @ 23°C	dB	1.5
Minimum Extinction Ratio @ 23°C (PM fiber)	dB	20
Maximum PDL @ 23°C (SM fiber)	dB	0.15
Minimum Return Loss (Input/Output)	dB	45
Minimum Crosstalk	dB	45
Maximum Average Power (Ports 1 + 2)	W	50, 100 orSpecified
Maximum ns Pulse Peak Power	kW	10orSpecified
Maximum Tensile Load	N	5
Package Dimensions	mm	76x28x26
Operating Temperature	°C	+10 to +50
Storage Temperature	°C	0 to +60

Configuration Notes

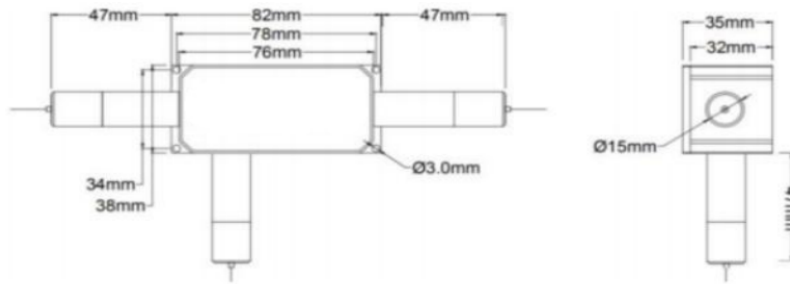
Available wavelength, optical power, fiber, connector, pigtail and package options depend on the selected product configuration. Please include the target application and quantity with your RFQ. Final ordering details are confirmed in the quotation.

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Package Dimensions

980-1080nm 100W TGG High Power Optical Circulator

Package reference: 76x28x26 / 76x38x35



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