

TECHNICAL DATASHEET

TGG Optical Isolator + Tap + WDM + Optical Filter Hybrid 980/1030nm 980/1064nm

Product family	Mini & Hybrid
Key selection	980/1030nm / 980/1064nm / TGG

Technical Specifications

Parameter	-	Unit	Specification
Signal Wavelength	-	nm	1064±5 or1030±5
Signal Wavelength Range	-	nm	1020 to 1080
Minimum Passband Width (@ -0.5 dB)	-	nm	2, 5, 8 orSpecified
Maximum Excess Loss @ 23°C (Output to Input, λc)	-	dB	1.5
Minimum Signal Isolation @ 23°C (Output to Input, λc±15 nm)	-	dB	25
Channel Isolation	Signal Channell	dB	30
-	Pump channel	dB	12
Coupling Ratio	-	%	1 to 50
Pump Wavelength Range	-	nm	980±10 orSpecified
Maximum Insertion Loss (Pump Channel)	-	dB	07
Minimum Extinction Ratio @ 23°C (PM fiber)	-	dB	20
Maximum PDL @ 23°C (SM fiber)	-	dB	0.15
Minimum Return Loss	-	dB	50
Maximum Optical Power (CW)	-	W	0.3,1,2,5....., 20 orSpecified
Maximum Tensile Load	-	N	5
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

TGG Optical Isolator + Tap + WDM + Optical Filter Hybrid 980/1030nm 980/1064nm

Package reference: 58x28x26



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