

Isolator & WDM Hybrid (TGG Based, up to 20W,06/98)

Features

Low Insertion Loss
High Return Loss
High Isolation
High stability & Reliability

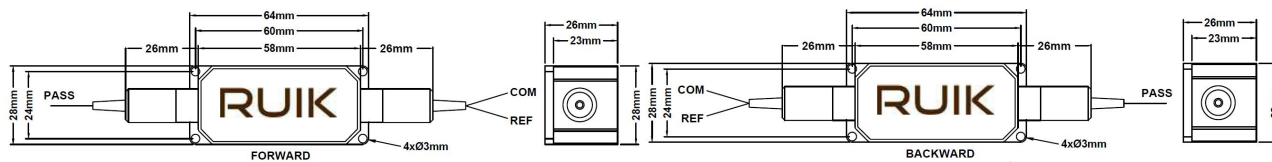
Applications

PM Fiber Amplifier
Testing Instrument
Mopa Fiber Laser
Fiber Laser

Specifications

Parameter	Unit	Value
Signal Channel	Signal Wavelength Range	nm 1064±10 or 1030±10
	Max. Insertion Loss, at 23℃	dB 1.5
	Typ. Peak Signal Isolation, at 23℃	dB 30
	Min. Signal Isolation, at 23℃	dB 25
	Min. Isolation (Com to Pass @ Ref band Wavelength)	dB 30
Reflection Channel	Wavelength Range	nm 960~990
	Max. Insertion Loss	dB 0.8
	Min. Isolation (Com to Ref @ Pass band Wavelength)	dB 15
Max. Polarization Dependent Loss at 23℃, only for PI type		dB 0.15
Min. Return Loss		dB 50
Max. Optical Power(CW)		W 1,2,20
Max. Tensile Load		N 5
Operating Temperature		℃ 5~+55
Storage Temperature		℃ -0~+75

Package Dimensions



Signal Route: Com to Pass

Pump Route: Ref to Com

Signal Route: Pass to Com

Pump Route: Ref to Com

Ordering Information

IWDM-1111-23-444-555-678-999-AABB

1111	-Center Wavelength:	1064=1064nm
2	-Core Stage:	S=Single-core stage
3	-Pump Type:	F=Forward, B=Backward
444	-Fiber Type for Signal:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
555	-Fiber Type for Ref	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
6	-Package Dimension:	0=58x28x26mm, S=Specified
7	-Pigtail Type:	0=250µm bare fiber, 1=900µm loose tube
8	-Fiber Length:	0=0.8m, 1=1m
999	-Connector for Com, Ref, Pass:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC
AA	-Average Power:	00=300mW, 01=1W, 02=2W,, 05=5W....., 20=20W
BB	-Peak Power	10=10kW, 20=20kW