

PM Isolator & WDM Hybrid (T1064R980)

Features

Low Insertion Loss
High Return Loss
High Isolation
High Extinction Ratio
High Reliability & Stability

Applications

Fiber Laser
Fiber Amplifier
Testing Equipment

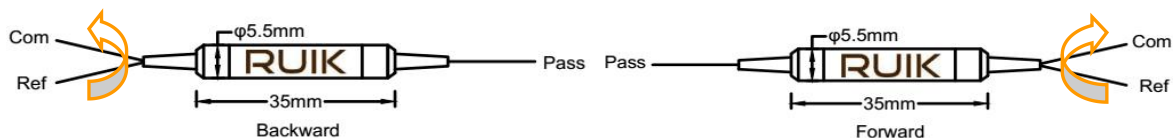
Specifications

Parameter		Unit	Value	
Stage		-	Single	Dual
Signal Channel	Signal Wavelength Range	nm	1064±10	
	Max. Insertion Loss	dB	2.6	3.8
	Typ. Peak Signal Reversed Isolation, at 23℃	dB	40	52
	Min. Signal Reversed Isolation, at 23℃	dB	28	45
	Min. Isolation (Com to Pass @ Ref band Wavelength)	dB	30	
	Min. Extinction Ratio at 23℃	dB	20	
Reflection Channel	Wavelength Range	nm	960~990	
	Max. Insertion Loss	dB	0.6	
	Min. Isolation (Com to Ref @ Pass band Wavelength)	dB	15	
	Min. Extinction Ratio at 23℃	dB	18	
Min. Return Loss		dB	50	
Max. Insertion Loss Thermal Stability		dB/℃	0.005	
Max. Optical Power(CW)		mW	300	
Max. Tensile Load		N	5	
Operating Temperature		℃	-5~+70	
Storage Temperature		℃	-40~+85	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.

The default connector key is aligned to slow axis.

Package Dimensions



Signal Route: Com to Pass

Pump Route: Ref to Com

Signal Route: Pass to Com

Pump Route: Ref to Com

Ordering Information

PMIWDM-1111-234-555-666-789-AAA

1111	-Operating Wavelength:	0698=1064nm Signal, 980nm Pump
2	-Stage:	S=Single-core stage, D=Dual-core stage
3	-Pump Type:	F=Forward, B=Backward
4	-Axis Alignment for Signal Route:	B=Both Axis Working, F=Slow Axis Working, Fast Axis Blocked
555	-Fiber Type for Com & Pass:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
666	-Fiber Type for Ref:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
7	-Package Dimension:	0=φ5.5x35mm, S=Specified
8	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
9	-Fiber Length:	0=0.8m, 1=1m
AAA	-Connector for Com, Ref, Pass:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC