

980/1064nm PM Fiber Tap/Isolator WDM Hybrid Device (PMTIWDM)

Features

- Low Excess Loss
- High Extinction Ratio
- High Stability and Reliability

Applications

- Fiber Laser
- Fiber Amplifier
- Testing Equipment



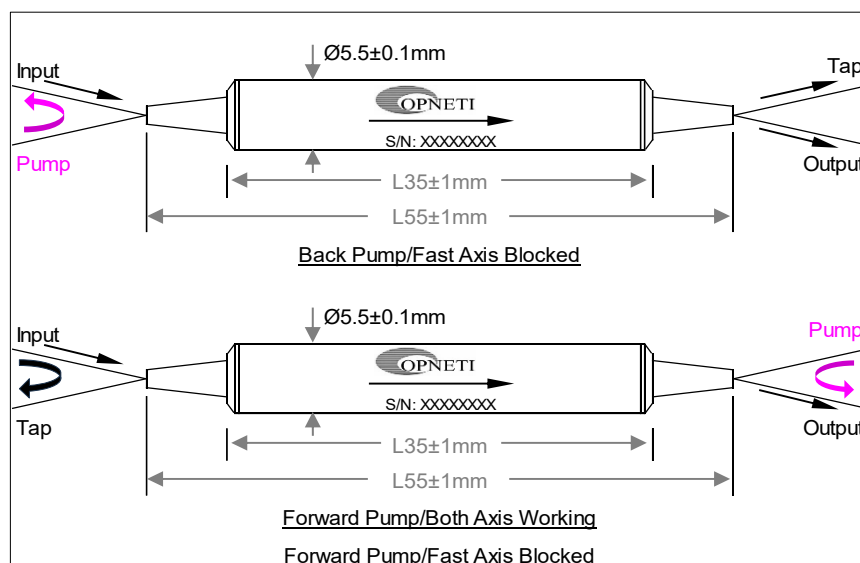
Specifications

Parameters		Unit	Values
Signal Wavelength Range		nm	1064±5
Pump Wavelength Range		nm	960~990
Signal IL (input ->output) (for 1% tap)		dB	≤2.6
Pump Insertion Loss		nm	≤0.6
Signal Tap Ratio		dB	1%, 2%, 5%, 10%, 50%
Typ. Signal Peak Isolation		dB	40
Signal Isolation at 23 °C		dB	≥30
Extinction Ratio	Type 1 (fast axis blocked)	dB	≥22
	Type 2 (both axis working)	dB	≥20
Return Loss		dB	≥50
Directivity		dB	≥50
Fiber Type at Pass and Output port		-	PM980
Fiber Type at Pump and Tap port		-	PM980, HI1060
Max Optical Power (CW)		mW	250
Operating Temperature		℃	0~ +65
Storage Temperature		℃	-40~ + 85
Package Dimension		mm	φ5.5x35

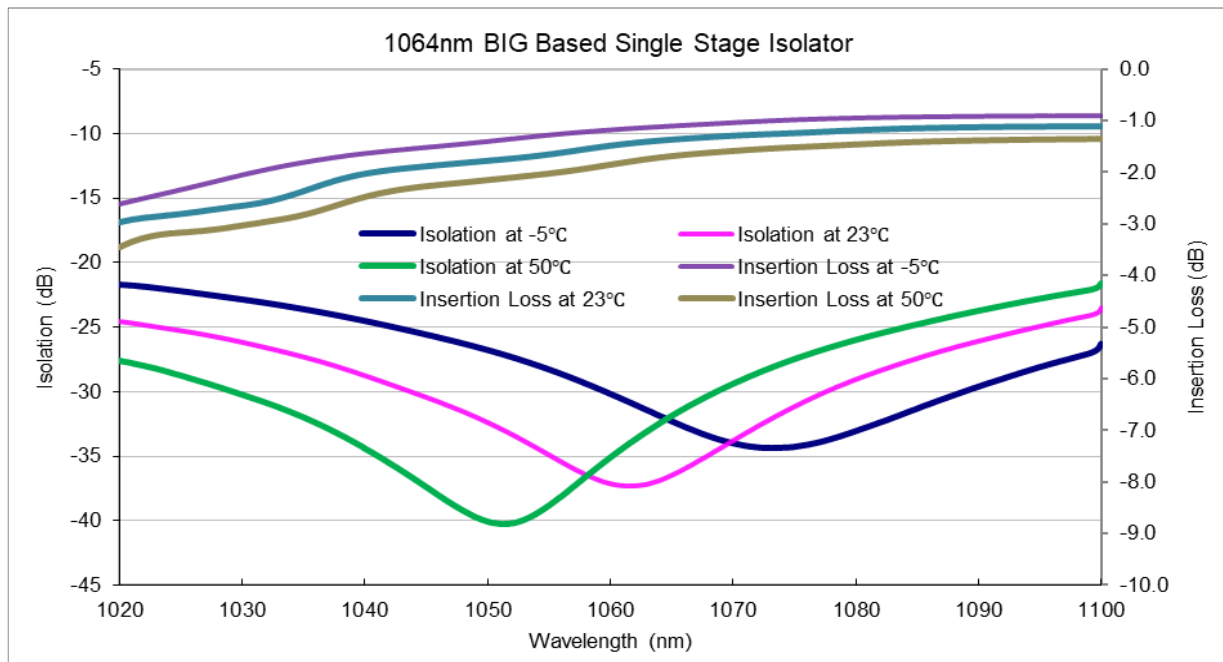
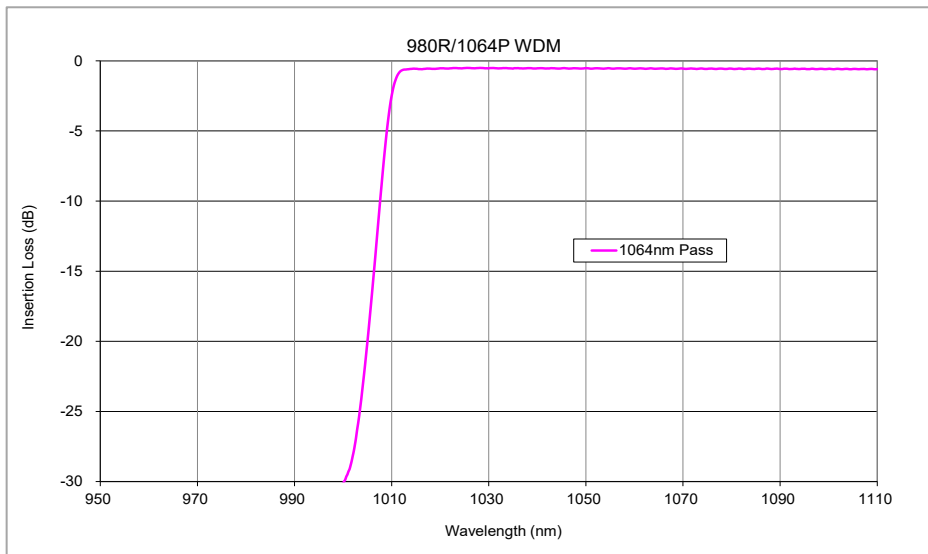
*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB.

*The default connector key is aligned to slow axis.

Package Dimensions



Typical Spectrum



Ordering Information

PMTIWDM- ①①①①①①①①①①①①②③③④⑤⑥⑥⑥⑦⑧⑨⑨

①	Operation Wavelength	980R/1064P;
②	Stage	S=Single Stage;
③	Tap Ratio	1%; 2%; 5%; 10%; 50%;
④	Pump Direction	B=Backward; F=Forward;
⑤	Axis Alignment	1=Fast Axis Blocked; 2=Both Axis Working;
⑥	Pigtail Type	250=250μm bare fiber; 900=900μm loose tube;
⑦	Fiber Type at Pump/Tap	4=H11060; P98=PM980;
⑧	Length	1=1m;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;