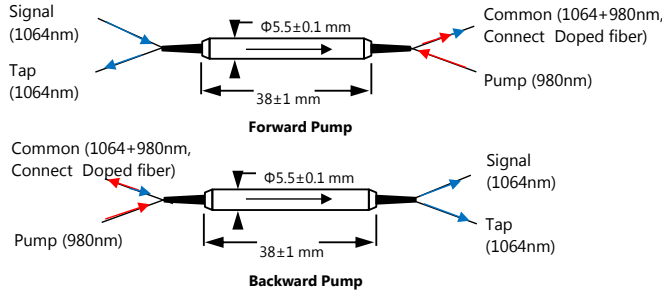


PM Tap Coupler+Isolator+WDM Hybrid

The 1064/980 nm PM Tap Coupler+Isolator+WDM Hybrid is a compact-sized hybrid component built by PM Panda fiber which provides function as a WDM with an optical isolator and an tap coupler integrated. Forward pump type and backward pump type are both available. It's widely used in EDFA systems. High Power handling is available upon request.



Features

- Low Insertion Loss
- High Extinction Ratio
- High Isolation
- High Power Available

Applications

- EDFA
- Fiber Amplifier
- Lab & Research

Performance Specification

Parameter	Value	Unit	
Signal Wavelength	1064 (1020-1100)	nm	
Pump Wavelength	980 (970-990)	nm	
Stage	Single Stage	Dual Stage	
Isolation @ 23°C, Signal Wavelength, all SOP for Com to Signal Port	≥35	≥45	
Wavelength Isolation	Signal Channel@Pump Wavelength for Signal to Com	≥30	dB
	Pump Channel@Signal Wavelength for Pump to Com	≥12	dB
Insertion Loss (0-70°C, all Sop)	Pump Channel@Pump Wavelength for Pump to Com	≤0.7	dB
	Signal Channel (EL*)@Signal Wavelength for Signal to Com	≤4.0	≤7.5
	Tap Channel@ Tap 1% Signal Wavelength Tap 2% for Signal to Tap Tap 5%	19.2-22.0 16.2-18.0 12.2-14.0	dB dB dB
Max. PMD	0.25	0.1	ps
Min. Extinction Ratio	20		dB
Min. Return Loss	50		dB
Max. Optical Power (Continuous Wave)	300		mW
Max. Tensile Load	5		N
Fiber Type	PM 980 fiber for Comm/Signal Port, or customized HI 1060 or PM 980 fiber for Pump Port, or customized		
Operating Temperature	0 to +70		°C
Storage Temperature	-40 to +85		°C
Package Dimension	φ5.5*38		mm

Note

- * For devices with connectors, IL will be 0.3dB higher, and RL will be 5dB lower.
- * For high power applications, and for pulse applications please contact us to confirm details.
- * Specs subject to change without notice.

Ordering Information

PMTIWDM-AAAA/AAA-B-CC-D-EE-FF

AAAA/AAA	B	CC	D	EE	FF
Wavelength	Stage	Tap Ratio	Fiber Jacket	Fiber Length	Connector
1064/980 - T1064/R980	S - Single Stage	01 - 1%	B - 250um Bare	05 - 0.5m	NE - None
SSSS/SSS - Specify	D - Dual Stage	02 - 2%	Fiber	08 - 0.8m	FA - FC/APC
		05 - 5%	L - 900um Loose	10 - 1.0m	FP - FC/PC
		10 - 10%	Tube	15 - 1.5m	SA - SC/APC
		20 - 20%		SS - Specify	SP - SC/PC
		SS - Specify			LA - LC/APC
					LP - LC/PC
					SS - Specify