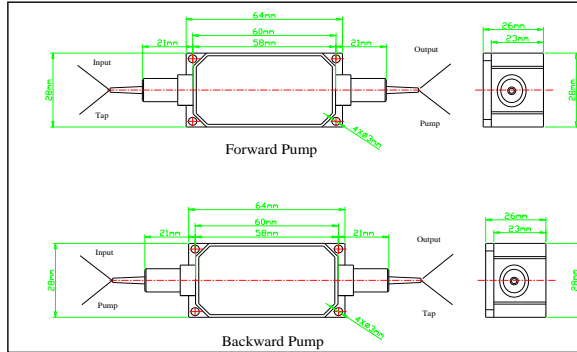


High Power PM Tap Coupler+Isolator+WDM Hybrid

The 1064/980 nm High Power PM Tap Coupler+Isolator+WDM Hybrid is a hybrid component built by PM fiber which provides function as a WDM with an optical isolator and a 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
Isolation @ 23°C, Signal Wavelength, all SOP for Com to Signal Port	≥25	dB
Wavelength Isolation	Signal Channel@Pump Wavelength for Signal to Com	≥30 dB
	Pump Channel@Signal Wavelength for Pump to Com	≥15 dB
Insertion Loss (0-70°C, all Sop)	Pump Channel@Pump Wavelength for Pump to Com	≤0.8 dB
	Tap Channel@ Tap 1%	19.2-22.0 dB
	Signal Wavelength Tap 2% for Signal to Tap Tap 5%	16.2-18.0 dB 12.2-14.0 dB
Min. Extinction Ratio	18	dB
Min. Return Loss	50	dB
Max. Optical Power (Continuous Wave)	1, 3, 5, 10 or customized	W
Max. Tensile Load	5	N
Fiber Type	PM 980 Panda fiber or customized	
Operating Temperature	0 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimension		mm

Note

- * Connectors only CW 1W handling power guarantee.
- * For devices with connectors, IL will be 0.3dB higher, and RL will be 5dB lower.
- * For high power applications, IL will be 0.2dB higher, and for pulse applications please contact us to confirm details.
- * Specs subject to change without notice.

Ordering Information

HPMTIWDW-AAAA/AAA-BB-CC-D-EE-FF-G-HH

AAAA/AAA	BB	CC	D	EE	FF	HH
Wavelength	Fiber	Tap Ratio	Fiber Jacket	Fiber Length	Connector	Power
1064/980 - T1064/R980	P9 - PM 980 fiber	01 - 1%	B - 250um Bare	05 - 0.5m	NE - None	01 - 1W
1030/980 - T1030/R980	SS - Specify	02 - 2%	Fiber	08 - 0.8m	FA - FC/APC	03 - 3W
SSSS/SSS - Specify		05 - 5%	L - 900um Loose	10 - 1.0m	FP - FC/PC	05 - 5W
		10 - 10%	Tube	15 - 1.5m	SA - SC/APC	10 - 10W
		20 - 20%		SS - Specify	SP - SC/PC	SS - Specify
		SS - Specify			LA - LC/APC	
					LP - LC/PC	
					SS - Specify	