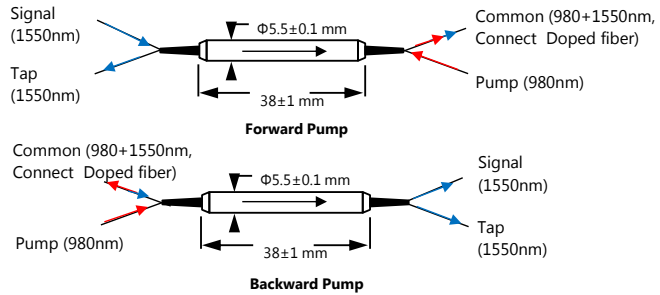


High Power PM Tap Coupler+Isolator+WDM Hybrid

The 1550/980 nm High Power 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	1550 (1528-1564), or 1590 (1570-1605)	nm
Pump Wavelength	980 (965-1000)	nm
Stage	Single Stage	Dual Stage
Isolation @ 23°C, Signal Wavelength, all SOP for Com to Signal Port	≥30	≥46
Wavelength Isolation	Signal Channel@Pump Wavelength for Signal to Com	≥30
	Pump Channel@Signal Wavelength for Pump to Com	≥12
Insertion Loss (0-70°C, all Sop)	Pump Channel@Pump Wavelength for Pump to Com	≤0.6
	Signal Channel (EL*)@Signal Wavelength for Signal to Com	≤1.4
	Tap Channel@ Tap 1%	19.2-22.0
	Signal Wavelength Tap 2% for Signal to Tap	16.2-18.0
	Tap 5%	12.2-14.0
Max. PMD	0.25	0.1
Min. Extinction Ratio	20	
Min. Return Loss	50	
Max. Optical Power (Continuous Wave)	0.3, 1, 3, 5 or customized	
Max. Tensile Load	5	
Fiber Type	PM 1550 fiber for Comm/Signal Port, or customized SMF-28e or PM 1550 fiber for Tap 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×L38	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-B-CC-D-EE-FF-G-HH

AAAA/AAA	B	CC	D	EE	FF	G	HH
Wavelength	Stage	Tap Ratio	Fiber Jacket	Fiber Length	Connector	Working Axis	Power
1550/980 - T1550/R980	S - Single Stage	01 - 1%	B - 250um Bare	05 - 0.5m	NE - None	F - Fast Axis	Z3 - 0.3W
1590/980 - T1590/R980	D - Dual Stage	02 - 2%	Fiber	08 - 0.8m	FA - FC/APC	Blocked	01 - 1W
SSSS/SSS - Specify		05 - 5%	L - 900um Loose	10 - 1.0m	FP - FC/PC	B - Both Axes	02 - 2W
		10 - 10%	Tube	15 - 1.5m	SA - SC/APC	Operating	03 - 3W
		20 - 20%		SS - Specify	SP - SC/PC		05 - 5W
		SS - Specify			LA - LC/APC		SS - Specify
					LP - LC/PC		
					SS - Specify		