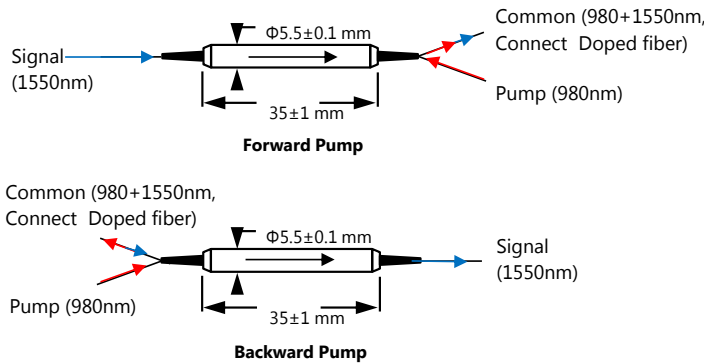


High Power PM Isolator WDM Hybrid 1550/980nm

The 1550/980 nm High Power PM Isolator WDM Hybrid is built with PM panda fiber which combines Filter WDM and fiber optic isolator into a compact package to offer cost saving solution. This devices is ideal for fiber amplifier application to combine signal and pump wavelengths with very stable 1550 nm signal isolation. High power available upon request.



Features

- Low Insertion Loss
- High Isolation
- High Extinction Ratio
- High Power Handling on Request

Applications

- EDFA
- Fiber Laser
- Lab & Research

Performance Specification

Parameter	Value		Unit
Stage	Single Stage	Dual Stage	dB
Signal	Wavelength	1550 (1530-1570 or customized)	nm
	Typ. Insertion Loss (S→C)	0.8	dB
	Max. Insertion Loss (S→C)	1.0	dB
	Min. Isolation	28	dB
Pump	Wavelength	980 (960-990)	nm
	Typ. Insertion Loss (P→C)	0.5	dB
	Max. Insertion Loss (P→C)	0.7	dB
Min. Extinction Ratio	20	dB	
Max. Thermal Stability	0.005	dB/°C	
Min. Return Loss	50	dB	
Max. Optical Power (Continuous Wave)	0.3, 1, 3, 5 or customized	W	
Max. Tensile Load	5	N	
Fiber Type	PM 1550 Panda Fiber for Signal/Common Port PM 980 Panda fiber or HI 1060 Fiber for Pump Port		
Operating Temperature	-5 to +70		°C
Storage Temperature	-40 to +85		°C
Package Dimension	Φ5.5×L35		mm

Note

- * Connectors only CW 1W handling power guarantee.
- * For pulse applications, pls discuss with OF-LINK.
- * Insertion Loss will be 0.1dB lower for low power (300mW) operating.
- * Specs subject to change without notice.

Ordering Information

HPMIWDM-AAAA/AAA-B-C-D-EE-FF-G-HH

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