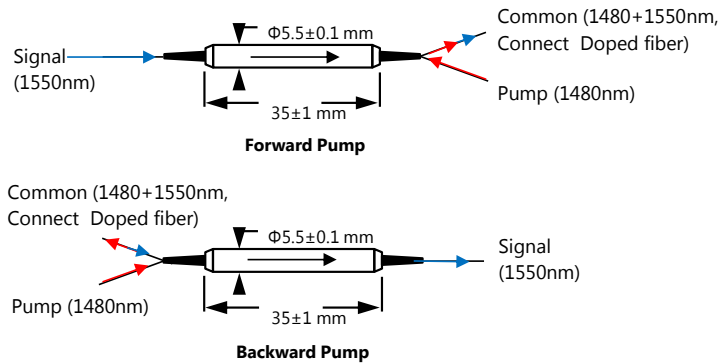


High Power Isolator WDM Hybrid 1550/1480nm

The 1550/1480 nm High Power Isolator WDM Hybrid combines Filter WDM and optical isolator into a compact package to offer cost saving solution. This devices is ideal for fiber amplifier applications to combine signal and pump wavelengths with very stable 1550 nm signal isolation. High power available upon request.



Features

- Low Insertion Loss
- High Isolation
- Compact Size
- 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	0.9	dB
	Max. Insertion Loss (S→C)	1.0	1.2	dB
	Min. Isolation	28	45	dB
Pump	Wavelength	1480 (1450-1490)		nm
	Typ. Insertion Loss (P→C)	0.5	0.5	dB
	Max. Insertion Loss (P→C)	0.7	0.7	dB
Max. PDL		0.1		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		SMF-28e Fiber for Signal Port SMF-28e Fiber for Pump & Common Ports		
Operating Temperature		-5 to +70		°C
Storage Temperature		-40 to +85		°C
Package Dimension		$\Phi 5.5 \times L35$		mm

Note

* Connectors only CW 1W handling power guarantee.
 * For pulse applications, pls discuss with OF-LINK.
 * Insertion Loss wil be 0.2dB lower for low power (300mW) operating.
 * Specs subject to change without notice.

Ordering Information

HPIWDM-AAAA/AAA-B-C-D-EE-FF-GG

AAAA/AAA	B	C	D	EE	FF	GG
Wavelength	Stage	Pump Type	Fiber Jacket	Fiber Length	Connector	Power
1550/1480 - 1550/1480	S - Single Stage	F - Forward	B - 250um Bare Fiber	05 - 0.5m	NE - None	Z3 - 0.3W
1590/980 - 1590/1480	D - Dual Stage	B - Backward	L - 900um Loose Tube	08 - 0.8m	FA - FC/APC	01 - 1W
SSSS/SSS - Specify				10 - 1.0m	FP - FC/PC	02 - 2W
				15 - 1.5m	SA - SC/APC	03 - 3W
				SS - Specify	SP - SC/PC	05 - 5W
					LA - LC/APC	SS - Specify
					LP - LC/PC	
					SS - Specify	