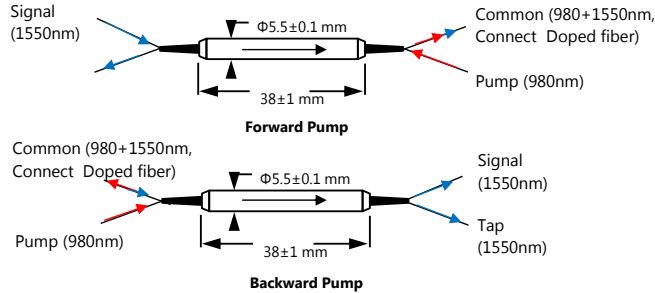


High Power SM Tap Coupler+Isolator+WDM Hybrid

The 1550/980 nm High Power SM Tap Coupler+Isolator+WDM Hybrid is a compact-sized hybrid component 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
Compact Package
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	≥45
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@ Signal Wavelength for Signal to Tap	Tap 1% 19.2-22.0 Tap 2% 16.2-18.0 Tap 5% 12.2-14.0
Max. PMD	0.25	0.1
Max. PDL	0.1	0.2
Min. Return Loss	50	
Max. Optical Power (Continuous Wave)	0.3, 1, 3, 5 or customized	
Max. Tensile Load	5	
Fiber Type	HI 1060 for Comm/Pump Port, or customized SMF-28e for Signal/Tap Port, or customized	
Operating Temperature	0 to +70	
Storage Temperature	-40 to +85	
Package Dimension	Φ5.5×L38	

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

HPTIWDM-AAAA/AAA-B-CC-D-EE-FF-GG

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