

Tap/Isolator/WDM Hybrid

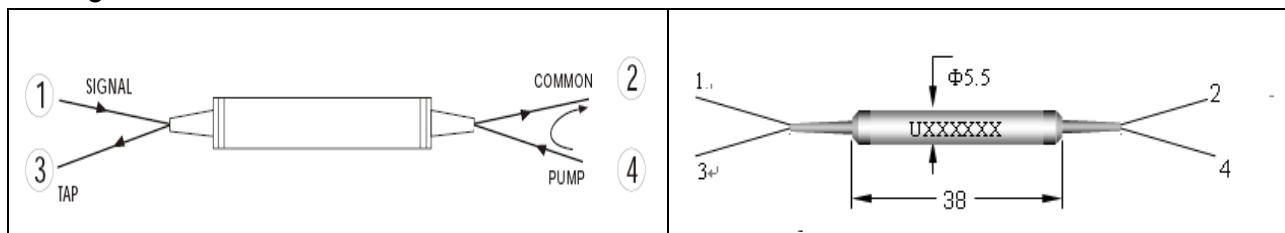
Features
Input signal Power Monitoring Pump/Signal Multiplexing

Applications
EDFA

Specifications

Parameter			980/1550		1480/1550	
Isolator stage			Single stage	Dual stage	Single stage	Dual stage
Signal Wavelength Range		nm	1528-1564(C Band)		1530~1565 (C band)	
Pump Wavelength Range		nm	965-1000		1450~1490	
Isolation@23°C, all SOP		dB	≥31	≥45	≥31	≥45
Isolation (Port 2 to 4 @ Signal)		dB	≥12		≥12	
Isolation (Port 1 to 2 @ Pump)		dB	≥30		≥30	
Insertion Loss(Pump)		dB	≤0.6	≤0.6	≤0.6	≤0.6
Insertion Loss(Signal)		dB	≤1.3	≤1.4	≤1.1	≤1.3
Insertion Loss(Tap)	1%	dB	19.0-20.8		19.0-20.8	
	5%	dB	12.2-14.0		12.2-14.0	
WDL		dB	≤0.5	≤0.5	≤0.5	≤0.5
PDL		dB	≤0.1	≤0.2	≤0.1	≤0.1
PMD		ps	≤0.25	≤0.05	≤0.25	≤0.05
Return Loss		dB	≥50			
Directivity		dB	≥55			
Fiber Type	Common/Pump Port		HI1060		SMF-28e	
	Signal/Tap port		SMF-28e		SMF-28e	
Optical Power		mW	≤300			
Operating Temperature		℃	0 ~ +70			
Storage Temperature		℃	-40~ + 85			
Package Dimension		mm	5.5x38			

Package Dimensions



Ordering Information

TIWDM	Wavelength	Stage	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector
	T1550/R980	S= Single	1=1/99%	250=250um bare fiber	0=SMF-28e	1= 1m	00=none
	T1550/R1480	D = Dual	2=2/98%	900=900um loose tube	1=HI1060	S=Specify	FC,SC,LC,MU, ST/UPC,APC
			5=5/95%				
			10=10/90%				