

Isolator WDM Hybrid

Features
Low Insertion Loss High Isolation High Reliability and Stability

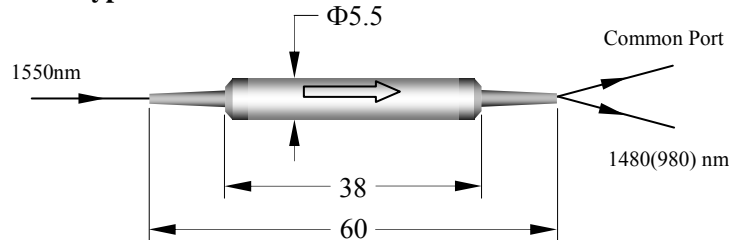
Applications
EDFA Fiber optic Instrument

Specifications

Parameter		1480/1550		980/1550	
		Single Stage	Dual Stage	Single Stage	Dual Stage
Isolator Stage		Single Stage	Dual Stage	Single Stage	Dual Stage
Isolation	dB	≥21	≥36	≥21	≥36
Insertion loss (Signal)	dB	≤0.9	≤1.0	≤0.9	≤1.0
Signal wavelength range	nm	1528~1565(C-band)		1528~1565(C-band)	
Pump wavelength range	nm	1450~1490		965~995	
Insertion loss (Pump)	dB	≤0.5		≤0.6	
Transmitted Isolation (Pump)	dB	≥30		≥30	
Reflected Isolation (Signal)	dB	≥15		≥15	
PDL	dB	≤0.10			
WDL	dB	≤0.3			
Directivity	dB	≥55			
Return loss	dB	≥50			
Thermal stability	dB/ °C	≤0.005			
Power handling	Mw	≤500			
Operating temperature	°C	0 ~ +70			
Storage temperature	°C	-40 ~ +85			
Package dimension	mm	Φ5.5 × L38			
Fiber Type	Common/Pump	SMF-28e		Hi1060	
	Signal	SMF-28		SMF-28	

Package Dimension

Forward Type:



Ordering Information

IWDM	Wavelength	Stage	Type	Pigtail Type	Fiber Type	Length	Connector
	T1550/R980	S= Single stage	F=Forward	250=250um bare fiber	0=SMF-28e	1= 1m	00=none
	T1550/R1480	D = Dual Stage	B=Backward	900=900um loose tube	1=HI1060	S=Specify	FC,SC,LC,MU, ST/UPC,APC