

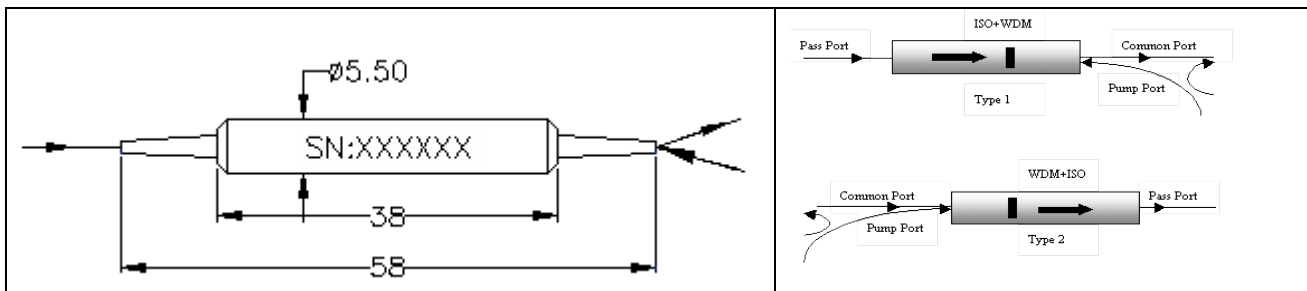
Isolator+ WDM Hybrid Device (IWDM)

Features	
Wide Operating Wavelength	
Low IL & PDL & High Isolation	
High Stability and Reliability	
Application	
Fiber Amplifier	
Fiber optic Instrument	

Specifications

Parameter	Type	1480/1550		980/1550	
		Single Stage	Dual Stage	Single Stage	Dual Stage
Isolation 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
PMD (ps)		≤0.25	≤0.05	≤0.25	≤0.05
Signal wavelength range (nm)		1528~1565		1528~1565	
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			
Fiber Type:		SMF-28e		SMF-28e For Pass port, Hi1060 For Common & Pump port	
Operating temperature (°C)		0 ~ +70			
Storage temperature (°C)		-40 ~ +85			
Package dimension (mm)		Φ5.5 × L38			

Package Dimensions



Ordering Information

IWDM	Wavelength	Stage	Type	Pigtail Type	Fiber Type	Length	Connector
	T1550/R980 T1550/R1480	S= Single stage D = Dual Stage	1=Forward (Type 1) 2=Backward(Type 2)	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=SMF-28e 4=HI1060	1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC ST=ST/UPC LC=LC/UPC XX=Other