

Mini Tap+ Isolator+ WDM Hybrid Device (MTIWDM)

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

Specifications

Parameter		1550/980	
Signal Wavelength Range(mm)		1528-1563	
Pump Wavelength Range(nm)		965-1000	
Isolation@23°C,Signal Wavelength , all SOP for COM to Signal port (dB)		≥30	
Wavelength Isolation (dB)	Signal Channel@Pump for Signal to Com	≥30	
	Pump Channel@Signal for Pump to COM	≥12	
Insertion Loss(dB) (0-70°C, all Sop)	Pump Channel@Pump for Pump to COM	≤0.6	
	Signal Channel (Excess Loss) @Signal Wavelength for Signal to COM	≤1.3	
	Tap Channel@Signal Wavelength for Signal To Tap	Tap 1%	19.2-23.0
		Tap 2%	16.2-18.5
Tap 5%		12.2-14.5	
Tap 10%		9.2-11.2	
WDL (dB)		≤0.3	
PDL (dB)		≤0.1	
PMD (ps)		≤0.25	
Return Loss (dB)		≥50	
Directivity (dB)		≥55	
Fiber Type	Common /Pump Port	HI1060	
	Signal/Tap port	SMF-28e	
Optical Power (mW)		≤300	
Operating Temperature(°C)		0 ~ +70	
Storage Temperature(°C)		-40~ + 85	
Package Dimension (mm)		3.0x25	

Ordering Information

MTIWDM	Signal/pump Wavelength	Isolator Stage	Coupling Ratio	Pigtail Type	Length	Connector
	0598=1550/980	S=Single Stage	1=1% 2=2% 5=5% S=Specify	1=250um bare fiber	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 6=LC/UPC 7=LC/APC S=Specify