

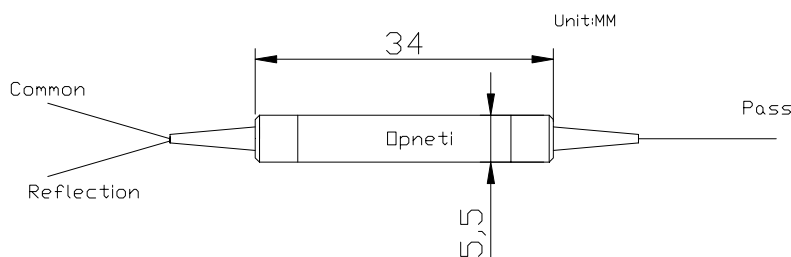
1x2 PON Filter WDM

Features	
Wide pass band Low insertion loss and High channel isolation High stability and reliability	
Application	
FTTH/PON	

Specifications

Parameter	1×2 FWDM	
Central wavelength (nm)	1310, 1490, 1550	1310,1550,1625
Operating Wavelength (nm)	1310±40, 1490±10 , 1550±10	1310±20, 1550±20 , 1625±20
Pass/Reflection wavelength (nm)	T1310/R1490,1550 T1550/R1310,1490 T1490/R1310,1550 T1310,1490/R1550 T1490,1550/R1310	T1310,1550/R1625 T1625R1310,1550
Pass insertion loss (nm)	≤0.8	
Reflection insertion loss (dB)	≤0.6	
Pass Isolation(dB)	≥30	
Reflection Isolation(dB)	≥15	
Directivity(dB)	≥55	
Return loss(dB)	≥50	
PDL(dB)	≤0.1	
Wavelength thermal stability (nm/)	≤0.003	
Insertion loss thermal stability (dB/)	≤0.005	
Power handling (mW)	≤500	
Operating temperature()	0 ~ +70	
Storage temperature()	-40 ~ +85	
Dimensions (mm)	Φ5.5× L34	

Package Dimensions



Ordering Information

FWDM	Port Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector
	1x2	T1550/R1310,1490 T1490/R1310,1550 T1310,1490/R1550 T1490,1550/R1310 T1310,1550/R1625 T1625R1310,1550	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=SMF-28e	1= 1m X=Specify	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other