

1 x 2 High Isolation Coarse Wavelength Division Multiplexer

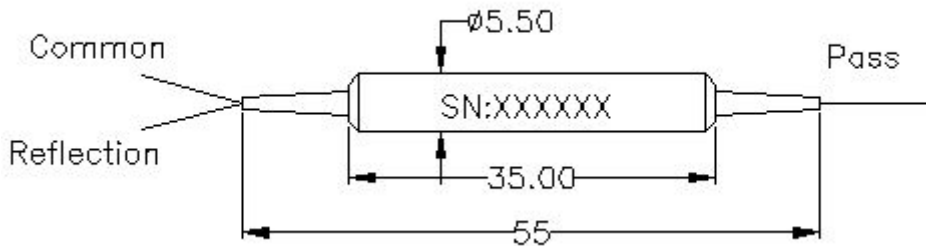
Features	
Wide pass band Low insertion loss High channel isolation High stability and reliability	
Application	
CWDM system CWDM Mux/Demux module	

Specifications

Parameter	Value	
Central Wavelength(nm)	1271, 1291, 1311,1551, 1571, 1591, 1611	
Operating Wavelength (nm)	S:1260~1460 or H:1460~1620 or A: 1260~1620	
Channel space (nm)	20	
Channel bandwidth (nm)	$\lambda_c \pm 6.5$	
Channel flatness (dB)	≤ 0.4	
IL (dB)	Pass Channel	≤ 0.8
	Reflection Channel	≤ 0.6 (1260~1460 or 1460~1620) or ≤ 0.8 (1260~1620)
Isolation (dB)	Adjacent channel	≥ 45
	Reflection Channel	≥ 15
Directivity (dB)	≥ 55	
Return loss (dB)	≥ 50	
PDL (dB)	≤ 0.15	
Wavelength thermal stability (nm/°C)	≤ 0.003	
Insertion loss thermal stability (dB/°C)	≤ 0.005	
Power handling (mW)	≤ 500	
Fiber Type	SMF-28e	
Operating temperature (°C)	0 ~ +70	
Storage temperature (°C)	-40 ~ +85	
Dimensions (mm)	$\phi 5.5 \times L35$	

Above specification are for device without connector.

Package Dimensions



Ordering Information:

HCWDM	Port Type	Wavelength	Operation Wavelength	Pigtail Type	Fiber Type	Length	Connector
	1x2	1271 1291 1611	S=1260~1460nm H=1460~1620nm A=1260-1620nm	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