

1x2 DWDM (100Ghz/200Ghz)

Features:

Low Insertion Loss & High Isolation
High Stability and Reliability

Application:

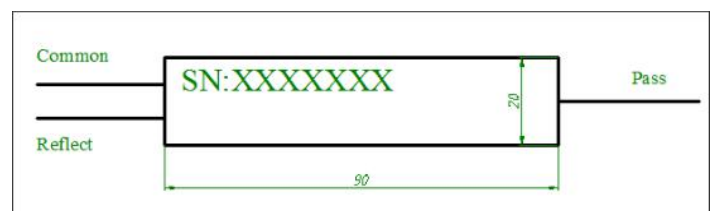
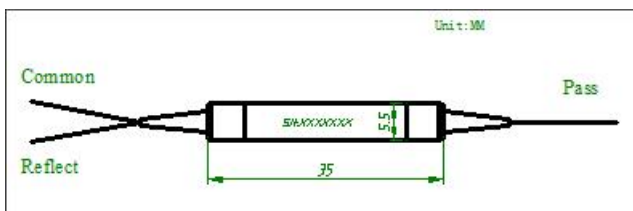
CWDM system
Metro/Access Networks
CATV Fiberoptic System

Specifications:

Parameter		Value	
Channel Center Wavelength(nm)		100G ITU Grid Channel	200G ITU Grid Channel
Operating Wavelength Range (nm)		1500~1640	
Channel space (nm)		0.8	1.6
Channel bandwidth (nm)		≥ 0.22	≥ 0.50
Insertion Loss for pass channel(dB)		≤ 1.0	
Insertion Loss for reflect channel(dB)		≤ 0.6	
PDL (dB)		≤ 0.2	
Isolation (dB)	Pass Channel @Adjacent channel	≥ 28	
	Pass Channel @Non-adjacent channel	≥ 40	
	Reflect Channel@ Pass band	≥ 13	
Directivity (dB)		≥ 50	
Return loss (dB)		≥ 45	
Wavelength thermal stability (nm/°C)		≤ 0.002	
Insertion loss thermal stability (dB/°C)		≤ 0.003	
Power handling (mW)		≤ 500	
Fiber Type		SMF-28e	
Operating temperature (°C)		0 ~ +70	
Storage temperature (°C)		-40 ~ +85	
Dimensions (mm)		$\phi 5.5 * L35 (P1)$, $\phi 4.0 * L \leq 30 (P2)$, $90 * 20 * 9.5 (P3)$ Mini : $\phi 3.2 * 25 (Glass)$ / $\phi 3.8 * 30 (SUS)$	

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

Packing Dimensions:


Ordering Information:

DWDM	Spacing	Channel	000	Package Type	Pigtail Type	Length	Connector
	1=100Ghz 2=200Ghz	C21 C22. .	000	1=P1(5.5*35) 2=P2(4.0*≤30) 3=P3(90*20*9.5) 4=3.2x25 5=3.8x30	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube S=Specify	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify