

**Features:**

- ABS Module
- Low Insertion Loss
- High Stability

Applications:

- CATV Links
- WDM Systems
- System Monitoring
- Test and Measurement Equipment

Specifications

Parameters		4 Channel	8 Channel	16 Channel
Insertion Loss(dB)		≤1.6	≤2.8	≤4.5
CWDM Central Wavelengths [λ_c] (nm)		1270, 1290, 1310,1570, 1590, 1610		
Passband (@-0.5dB bandwidth)(nm)		±0.11		
Insertion	Adjacent Channel	> 30		
	Non-Adjacent Channel	> 40		
Passband Ripple (dB)		≤0.40		
Polarization Dependent Loss (dB)		<0.30		
Polarization Mode Dispersion (ps)		< 0.10		
Return Loss (dB)		> 45		
Directivity (dB)		> 50		
Maximum Optical Power (mw)		500		
Operating Temperature (°C)		-20 ~ +70		
Storage Temperature (°C)		-40 ~ +85		
Fiber Type		Corning SMF-28		
Package Dimension (mm)		ABS: 100*80*10 Or 120*80*18		

Ordering Information

Type	Port Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector
M=Mux	4=4ch	47=1470	900=900um	1=SMF-28e		NE=None
D=Demux	8=8ch	61=1610	losse tube			SA=SC/APC
	16=16ch		2000=2mm			SU=SFC/UPC
			3000=3mm			LC=LC/UPC
						LA=LC/APC
						XX=Other



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Parameters		4 Channel	8 Channel	16 Channel
Insertion Loss(dB)		≤ 2.0	≤ 3.6	≤ 5.0
CWDM Central Wavelengths [λ_c] (nm)		1271, 1291, 1311,1571, 1591, 1611		
Passband (@-0.5dB bandwidth)(nm)		± 6.5		
Insertion	Adjacent Channel	> 30		
	Non-Adjacent Channel	> 40		
Passband Ripple (dB)		≤ 0.40		
Polarization Dependent Loss (dB)		< 0.30		
Polarization Mode Dispersion (ps)		< 0.10		
Return Loss (dB)		> 45		
Directivity (dB)		> 50		
Maximum Optical Power (mw)		500		
Operating Temperature ($^{\circ}\text{C}$)		$-20 \sim +70$		
Storage Temperature ($^{\circ}\text{C}$)		$-40 \sim +85$		
Fiber Type		Corning SMF-28		
Package Dimension (mm)		130*100*25 Or 130*100*50		

Ordering Information

Type	Port Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector
M=Mux	6=6ch	47=1471	900=900um	1=SMF-28e		NE=None
D=Demux	12=12ch	61=1611	losse tube			SA=SC/APC
	18=18ch		2000=2mm			SU=SFC/UPC
			3000=3mm			LC=LC/UPC
						LA=LC/APC
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Insertion Loss(dB)		≤1.8	≤3.0	≤4.8
CWDM Central Wavelengths [λ_c] (nm)		1270, 1290, 1310,1570, 1590, 1610		
Passband (@-0.5dB bandwidth)(nm)		±7.5		
Insertion	Adjacent Channel	> 30		
	Non-Adjacent Channel	> 40		
Passband Ripple (dB)		≤0.40		
Polarization Dependent Loss (dB)		<0.30		
Polarization Mode Dispersion (ps)		< 0.10		
Return Loss (dB)		> 45		
Directivity (dB)		> 50		
Maximum Optical Power (mw)		500		
Operating Temperature (°C)		-20 ~ +70		
Storage Temperature (°C)		-40 ~ +85		
Fiber Type		Corning SMF-28		
Package Dimension (mm)		1U RACK		

Ordering Information

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D=Demux	12=12ch	61=1610	losse tube			SA=SC/APC
	18=18ch		2000=2mm			SU=SFC/UPC
			3000=3mm			LC=LC/UPC
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Directivity (dB)		> 50		
Maximum Optical Power (mw)		500		
Operating Temperature (°C)		-20 ~ +70		
Storage Temperature (°C)		-40 ~ +85		
Fiber Type		Corning SMF-28		
Package Dimension (mm)		129*29*130 Or 217.2*243*200.2		

Ordering Information

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D=Demux	8=8ch	61=1610	losse tube			SA=SC/APC
	16=16ch		2000=2mm			SU=SFC/UPC
			3000=3mm			LC=LC/UPC
						LA=LC/APC
						XX=Other

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