100GHz Channel Dense Wavelength Division Multiplexing

Features:

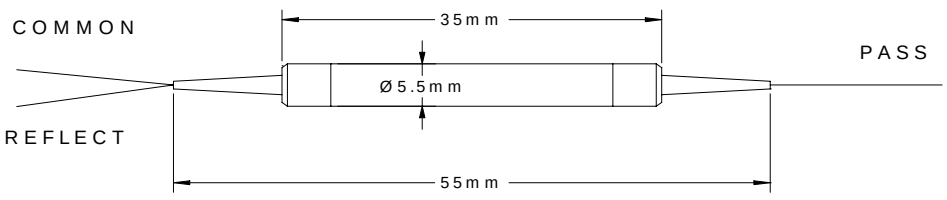
100GHz ITU Channel Spacing
Low Insertion Loss
Wide Pass Band
High Channel Isolation
High Stability and Reliability
Epoxy Free Optical Path

Applications:

Channel Add / Drop
DWDM Network
Wavelength Routing
Fiber Optical Amplifier
CATV Fiberoptic System

Parameter			4-Channel	8-Channel	16Channel	32Channel
			MUX / DEMUX			
Channel Wavelength		nm	1528~1640 ITU Grid	ITU 100 GHz Grid	ITU 100 GHz Grid)	ITU 100 GHz Grid)
Center Wavelength Accuracy		nm	±0.1	±0.1	±0.1	±0.1
Minimum Channel Spacing		GHz	100	100	100	100
Channel Passband (@-0.5dB bandwidth)		dB	±0.22	±0.22	±0.22	±0.22
Insertion Loss	Typical	dB	≤1.8	≤2.9	≤4.8	≤7.8
	Max	dB	≤2.0	≤3.2	≤5.6	≤8.8
Channel Ripple		dB	<0.5	<0.5	<0.5	<0.5
Isolation	Adjacent	dB	>30			
	Non-adjacent	dB	>40			
Insertion Loss Temperature Sensitivity		dB/℃	<0.005			
Wavelength Temperature Shifting		nm/℃	<0.002			
Polarization Dependent Loss		dB	<0.20			
Polarization Mode Dispersion		ps	<0.20			
Directivity		dB	>50			
Return Loss		dB	>45			
Maximum Power Handling		mW	500			
Operating Temperature		℃	0~+70			
Storage Temperature		℃	-40~+85			
Package Dimension		mm	¢5.5 X 35 Bare Fiber L110 x W95 x H7.5 (Metal) L120 X W80 X H11.6 (ABS)			

Package Dimensions



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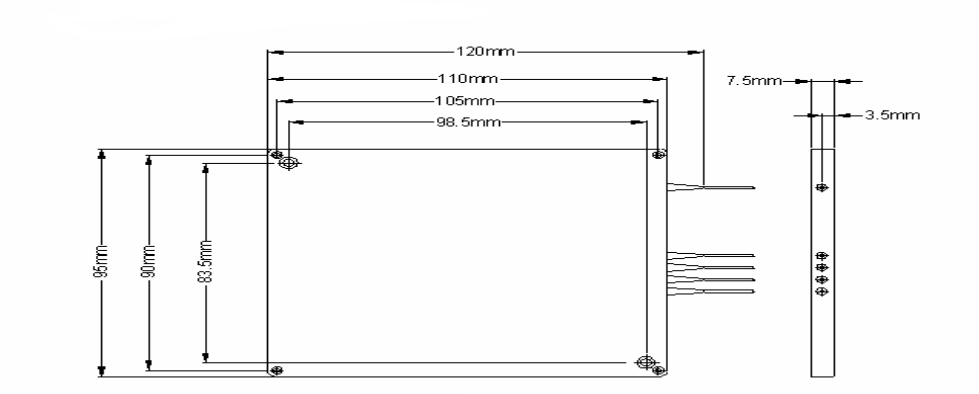

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Ordering Information DWDM-①-②-③-④-⑤-⑥-⑦-⑦①

①Channel Spacing	②Channel	③1st ITU Channel	④Fiber Type	⑤Fiber Leng	⑥Package	⑦Connector
1=100GHz	2=2Channel	21=1560.61nm	1=250um Bare Fiber	1=1Meter	A=Apackage	0=None
	4=4Channel	22=1559.79nm	2=900um fiber	2=2Meter	B=Bpackage	1=FC/APC
	8=8Channel	23=1558.98nm		S		2=FC/PC
	16=16Channel	……				3=SC/APC
	32=32Channel				S	4=SC/PC
						5=ST
						6=LC
						S

⑦① IU机箱: 19″ 1U=L430*W204*H41.5mm S=customer requirement

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