

Order Information

Band:	Number of Channels:	Spacing:	Filter Shape:	Package:	Fiber Length:	Connector:	1st Channel:
C-Band	16CH	50G	Flat Top	ABS Box	1m	None	C60
L-Band	32CH	100G	Gaussian	Rackmount	2m	FC/APC	H59
C+L-Band	40CH	Specify	Broad Gaussian	Specify	Specify	FC/PC	C59
Specify	48CH					SC/APC	H58
	Specify					SC/PC	Specify
						LC/APC	
						LC/PC	
						ST	
						Specify	

Performance Specifications(Flattop Thermal AWG)

Parameter		Specification		
		Min	Typ	Max
Number of Channels		80		
Number Channel Spacing (GHz)		50		
Cha. Center Wavelength (nm)		C-Band		
Clear Channel Passband(nm)		±0.1		
Wavelength Stability (nm)		±0.05		
-1 dB Channel Bandwidth (nm)		0.36		
-3 dB Channel Bandwidth (nm)		0.51		
Optical Insertion Loss at ITU grid (dB)			4.5	6
Isolation (dB)	Adjacent	25		
	Non-Adjacent	30		
	Total Channel Isolation	24		
Insertion Loss Uniformity (dB)				1
Directivity(Mux Only) (dB)		45		
Insertion Loss Ripple (dB)				0.5
Optical Return loss (dB)		40		
PDL/Polarization Dependent Loss in Clear Channel Band (dB)			0.3	0.5
Polarization Mode Dispersion (ps)				0.5
Maximum Optical Power (mW)				23
MUX/DEMUX input/ output Monitoring range(dB/°C)		-35		23
Operating Temperature(°C)		-5~+65 (-40~+85 optional)		
Operating Humidity(%RH)		5		95
Storage Temperature(°C)		-40		85
Storage Humidity(%RH)		5		95

1. IL Represents the worst case over a +/-0.01nm window around the ITU wavelength;
2. PDL was measured on average polarization over a +/- 0.01nm window around the ITU wavelength.