4,8,16,18-CH CWDM Mux/Demux Packed in 19" Rack

Features:

- Low Insertion Loss
- Wide Passband
- High Channel Isolation
- High Stability and Reliability
- Epoxy-free on Optical Path
- Access Network

Applications:

- Line Monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber Optical Amplifier

Performance Specifications:

Parameter		4 Channel		8 Channel		16 Channel	
		Mux	Demux	Mux	Demux	Mux	Demux
Channel Wavelength (nm)		1270~1610					
Center Wavelength Accuracy (nm)		±0.5					
Channel Spacing (nm)		20					
Channel Passband (@-0.5dB bandwidth (nm)		>13					
Insertion Loss (dB)		≤1.6		≤2.5		≤4.5	
Channel Uniformity (dB)		≤0.6		≤1.0		≤1.5	
Channel Ripple (dB)		0.3					
Isolation (dB)	Adjacent	N/A	>30	N/A	>30	N/A	>30
	Non-adjacent	N/A	>40	N/A	>40	N/A	>40
Insertion Loss Temperature Sensitivity (dB/℃)		<0.005					
Wavelength Temperature Shifting (nm/℃)		<0.002					
Polarization Dependent Loss (dB)		<0.1					
Polarization Mode Dispersion		<0.1					

ADD: No.208, Fumin Road, Huayang Street, Tianfu New Area, Chengdu, Sichuan, CHINA
TEL: +86-28-64570369
E-mail: sales@higheasy-electronics.com http://www. higheasy-electronics.com

Directivity (dB)	>50	
Return Loss （dB）	>45	
Maximum Power Handling (mW)	300	
Operating Temperature (℃)	-5~+75	
Storage Temperature (℃)	-40~85	
Package Dimension (mm)	L100 x W80 x H10	L142 x W102 x H14.5

Nomenclature:

CWDM	X	XX	X	XX	X	X	XX
	Channel Spacing	Number of Channels	Configuration	1st Channel	Fiber Type	Fiber Length	In/Out Connector
	C=CWDM Grid	04=4 Channel 08=8 Channel 16=16 Channel 18=18 Channel N=N Channel	M=Mux D=Demux O=OADM	27=1270nm …… 47=1470nm 49=1490nm …… 61=1610nm SS=special	1=Bare fiber 2=900um loose tube 3=2mmCable 4=3mmCable	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC S=Specify

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