

Features

- Low Insertion Loss
- Low PDL
- High Channel Isolation
- High stability and reliability
- Wide pass band



Applications

- WDM System
- Line Monitoring
- Wavelength Routing
- Telecommunication
- Fiber Optical amplifier
- CATV Fiberoptic System

Specifications

Parameter		4 Channel		8 Channel		16 Channel	
		Mux	Demux	Mux	Demux	Mux	Demux
Channel Wavelength (nm)		ITU Grid					
Channel Spacing (GHz)		100 / 200					
Channel Passband (@-0.5dB bandwidth (nm)		>0.3					
Insertion Loss (dB)		≤1.8		≤3.0		≤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
Inertion Loss Temperature Sensitivity (dB/°C)		<0.005					
Wavelength Temperature Shifting (nm/°C)		<0.002					
Polarization Dependent Loss (dB)		<0.1		<0.1		<0.15	
Polarization Mode Dispersion (ps)		<0.1					
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Directivity (dB)		> 50					
Return Loss (dB)		>45					
Maximum Power Handling (mW)		300					

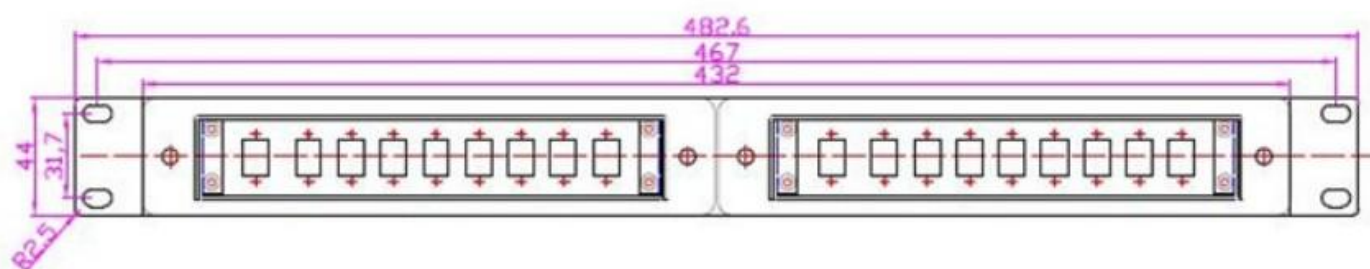


Operating Temperature(°C)	-5~+75
Storage Temperature(°C)	-40~+85
Package dimension (mm)	L432 (482.6) xW250*H44 or Specify

Note: 1、Above specifications are for devices without connector.

2、Specifications may change without notice.

Dimension



Ordering Information HC - DWDM1U - A - B - C - D - E - F - G

A	B	C	D	E	F
Number of Channels	1st Channel	Configuration	Fiber Type	Fiber Length	Connector
04:4 Channel 08:8 Channel 16:16 Channel	27:1270nm 47:1470nm 49:1490nm 61:1610nm	M:Mux D:Demux	1:Bare fiber 2:900um loose tube 3:2mm Cable 4:3mm Cable	1:1m 2:2m	0:None 1:FC/APC 2:FC/PC 3:SC/APC 4:SC/PC 5:ST 6:LC S:Specify