

WDM

CWDM



FEATURES

- ❧ Compact Structure & Package
- ❧ Low insertion loss
- ❧ Low Polarization Dependent Loss
- ❧ High Channel Isolation
- ❧ High Stability & Reliability

APPLICATIONS

- WDM Network
- CATV Network
- PON Network

WELLTECH ENTERPRISES

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PERFORMANCE SECTION

Parameter		Unit	Value		
Channel Number		CH	4	8	18
Central Wavelength		nm	ITU or ITU+1 (or specified)		
Passband			ITU±6.5		
Product Type		-	Mux or Demux		
Channel Spacing		nm	20		
Insertion Loss		dB	≤1.0	≤1.5	≤3.2
Channel Ripple		dB	<0.5		
Isolation	Adjacent	dB	>30		
	Non-Adjacent	dB	>45		
Directivity		dB	≥50		
Return Loss		dB	≥45		
Polarization Dependant Losses		dB	<0.2		
Polarization Mode Dispersion		ps	<0.1		
Connector			LC/PC、SC/PC、FC/PC or specified		
Operation Temperature		°C	-5~+70		
Storage Temperature		°C	-40~+85		
Package dimension		mm	44×25×6		

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Product Series	Function	Channel Spacing	1 st Channel	Fiber Type	Connector	Input/Output Length
C=CWDM	D=Demux	4= 4CH 8=8CH 18= 18CH	270=1270 290=1290	0.9A=0.9m m G657A2 Rb= Bare fiber	LC/UPC	05/05= 0.5m 10/10= 1m
	M=Mux				LC/APC	
	D&M=				SC/UPC	
	Demux &				SC/APC	
	Mux				FC/UPC FC/APC	

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