



100/200 GHz Optical Add/Drop Multiplexer (1x2)

<p>Features</p> <ul style="list-style-type: none"> ● 100GHz ITU Channel Spacing ● Low Insertion Loss ● Wide Pass Band ● High Channel Isolation ● High Stability and Reliability ● Epoxy Free Optical Path 	<p>Applications</p> <ul style="list-style-type: none"> ● Channel Add / Drop ● DWDM Network ● Wavelength Routing ● Fiber Optical Amplifier ● CATV Fiberoptic System
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Performance Specifications:

Parameter		Unit	Spec	
Channel Wavelength		nm	1530.33 to 1560.61 (21~ 59 ITU grid)	
Minimum Channel Spacing		GHz	100GHz	200GHz
Center Wavelength Accuracy		nm	± 0.05nm	± 0.06nm
Channel Passband		nm	$\lambda_c + 0.11$ (minimum)	$\lambda_c + 0.25$ (minimum)
Insertion Loss	Add / Drop Ch.	dB	≤ 0.80	≤ 0.60
	Express Ch.	dB	≤ 0.30	≤ 0.30
Channel Ripple		dB	≤ 0.25	≤ 0.25
Isolation @Add/Drop Channel	Adjacent	dB	≥ 30	≥ 30
	Non-adjacent	dB	≥ 45	≥ 45
Express Channel Isolation		dB	≥ 13	≥ 13
Insertion Loss Temperature Sensitivity		dB/°C	≤ 0.005	≤ 0.005
Wavelength Temperature Shifting		nm/°C	≤ 0.002	≤ 0.002
Polarization Dependent Loss		dB	≤ 0.10	≤ 0.10
Polarization Mode Dispersion		ps	≤ 0.10	≤ 0.10
Directivity		dB	≥ 50	≥ 50
Return Loss		dB	≥ 45	≥ 45
Optical Power		mW	300mW	300mW
Operating Temperature		°C	-40 to +85°C	
Storage Temperature		°C	-40 to +85°C	
Package Dimensions		mm	Ø3.4 x L26mm (Glass tube package)	

Note: All values referenced are without connectors.



Ordering Information:

S-DWDM	Channel Spacing	Number of Channel	ITU Channel	Pigtail Style	Fiber Length	Connector
	□	□□	□	□	□	□□
	1= 100GHz 2= 100GHz	01= 1 Channel	C21= 1560.61nm C23= 1558.98nm	1= Bare Fiber	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/PC 7=LC/APC

For Example: S-DWDM-1-01-C21-1-1-00