

## Model OT-DWDM-32-1 32-Channel 100GHz DWDM

### Features / Benefits



### APPLICATIONS

- DWDM Transmission System
- Optical Fiber Device
- Optical Fiber Amplifier System
- Wideband Networks

### FEATURES

- Epoxy Free
- Low Insertion Loss
- High Reliability and Stability
- Polarization Independent

### Operating Specifications

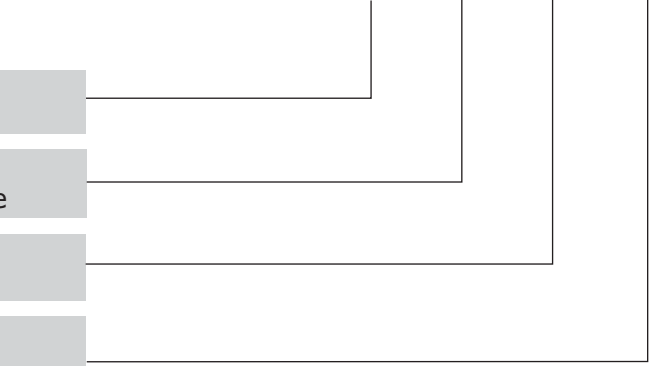
Parameter	Units	Specification	
		Mux	Demux
Center Wavelength ( $\lambda_c$ )	nm	ITU Channel $\pm 0.06$	
Channel Spacing	GHz	100	
0.5 dB Pass Band	nm	$\pm 0.18$	
Typ. Insertion Loss	dB	6.8	
Max. Insertion Loss	dB	7.4	
Max. Channel Uniformity	dB	1.5	
Min. Isolation of Adjacent Ch.	dB	N/A	25
Min. Isolation of Non-Adjacent Ch.	dB	N/A	40
Min. Directivity	dB	55	
Max. Polarization Dependent Loss	dB	0.3	
Min. Return Loss	dB	45	
Max. Polarization Mode Dispersion	ps	0.2	
Max. Thermal Stability	dB/°C	0.01	
Max. Thermal Wavelength Drift	nm/°C	0.001	
Max. Optical Power	mW	300	
Operating Temperature	°C	0 to +65	
Storage Temperature	°C	-40 to +85	
Package Dimensions	mm	S: 140x114x8 T: 19" 1RU Rack	

## Ordering Information

### 1RU Rack Mount

OT-DWDM-32-1-□-□-□-□

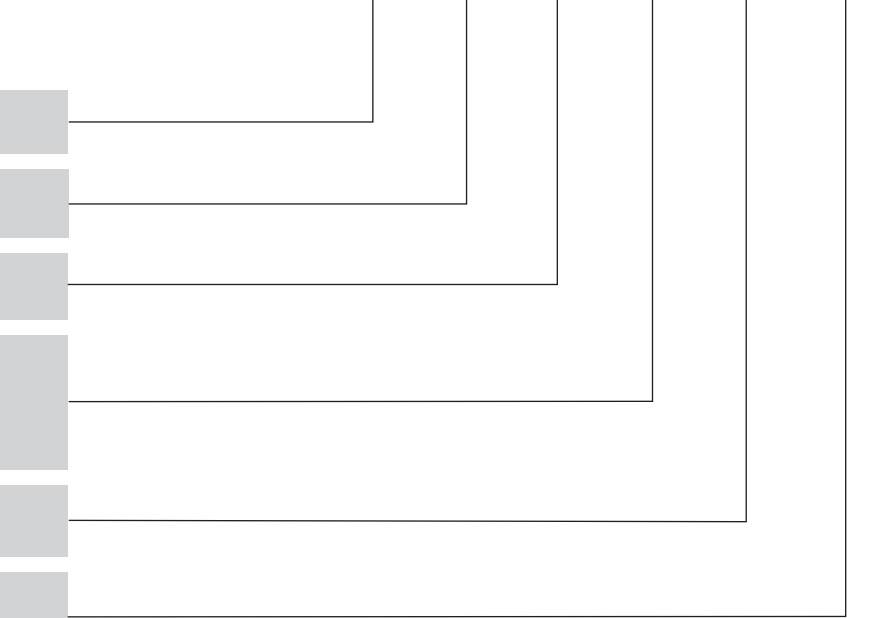
- Function  
M = Mux D = Demux
- Beginning Channel  
Refer to ITU Frequency Guide
- Package (mm)  
T: 19" 1RU Rack
- Connector  
FA = FC/APC  
SA = SC/APC



### Standalone

OT-DWDM-32-1-□-□-□-□-□-□

- Function  
M = Mux D = Demux
- Beginning Channel  
Refer to ITU Frequency Guide
- Package (mm)  
S: 140x114x18mm
- Pigtail  
2 = 2mm Cable  
3 = 3 mm Cable  
5 = 0.9mm Loose Tube
- Pigtail Length  
05 or 10 = 0.5 or 2.0 Meters
- Connector  
FA = FC/APC  
SA = SC/APC



Data sheets and performance may be updated without notice.