

Model OT-DWDM-16-1 16-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 (λ_c)	nm	ITU Channel ± 0.06	
Channel Spacing	GHz	100	
0.5 dB Pass Band	nm	± 0.18	
Typ. Insertion Loss	dB	4.5	
Max. Insertion Loss	dB	5.0	
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	0.2	
Min. Return Loss	dB	45	
Max. Polarization Mode Dispersion	ps	0.2	
Max. Thermal Stability	dB/°C	0.008	
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-16-1----

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

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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 1.0 Meters

Connector
FA = FC/APC
SA = SC/APC

Data sheets and performance may be updated without notice.