

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

### Features / Benefits



### APPLICATIONS

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

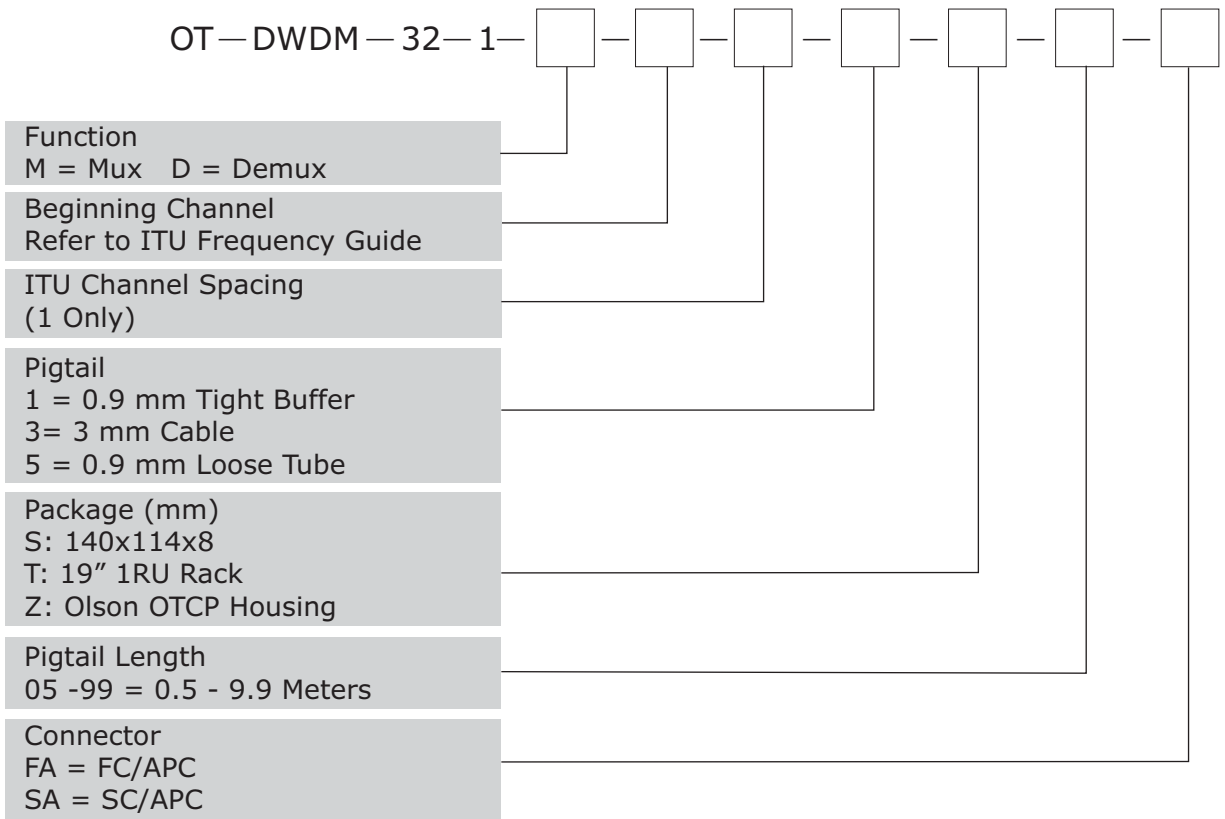
### FEATURES

- 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 $\pm 0.06$	
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 Z: Olson OTCP Housing	

## Ordering Information



Data sheets and performance may be updated without notice.