

Model OT-DWAD 100 GHz DWDM Add/Drop Module

Features / Benefits



APPLICATIONS

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

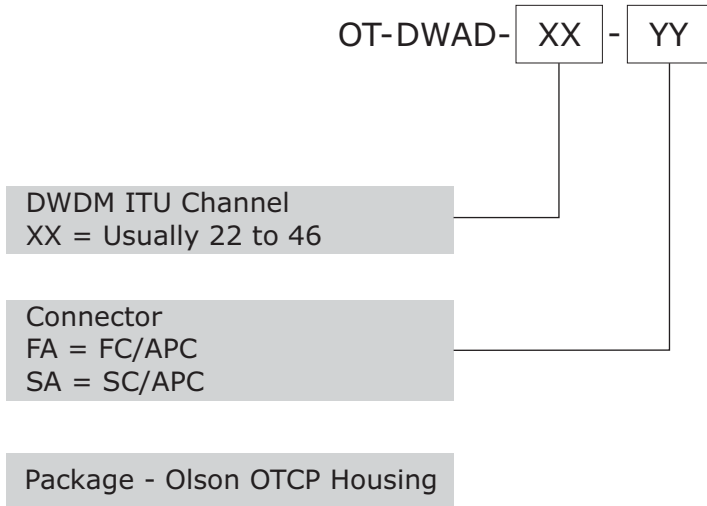
FEATURES

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

Operating Specifications

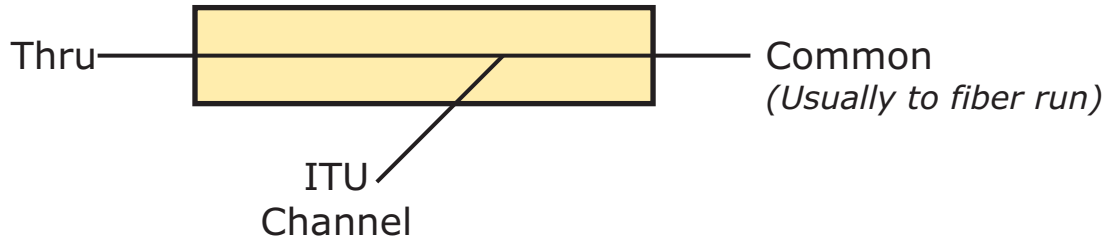
Parameter	Units	Specification
# Add/Drop Channels		1
Add/Drop Center Wavelength (λ_c)	nm	ITU Channel ± 0.06
-0.5 dB Bandwidth	nm	± 0.19
-25 dB Bandwidth	nm	± 0.625
Typ. Add/Drop Insert. Loss @ λ_{ad}	dB	0.8
Max. Add/Drop Insert. Loss @ λ_{ad}	dB	1.0
Typ. Remain Insert. Loss @ λ_p	dB	0.8
Max. Remain Insert. Loss @ λ_p	dB	1.1
Min. Adjacent Isolation	dB	25
Min. Non-Adjacent Isolation	dB	40
Min. Directivity	dB	50
Max. Polarization Dependent Loss	dB	0.1
Min. Return Loss	dB	45
Max. Thermal Stability	dB/°C	0.004
Max. Thermal Wavelength Drift	nm/°C	0.001
Max. Optical Power	mW	250
Operating Temperature	°C	0 to +65
Storage Temperature	°C	-40 to +85
Package Dimensions	mm	140 x 35 x 194

Ordering Information



Application Information

"Add" Application



"Drop" Application

