

CWDM

1 Channel

Features:

- Epoxy-Free Optical Path
- Low insertion loss
- Low Temperature Sensitivity

Applications:

- DWDM System
- Add/Drop Channels
- CATV Fiber Optical Link
- Fiber Amplifier System



Specifications: OPC-WD255-10000

CWDM	Mux (2 TO 1)	De-Mux (1 to 2)
Center Wavelength (nm) λ_c	1470 to 1610	
Center Wavelength Accuracy (nm)	+/-0.4	
Channel Spacing (nm)	20nm	
Channel Passband (@-0.5dB) (nm)	> 15	
Channel Insertion Loss (dB) (1 TO 2)	≤ 1.0	
Express Channel Insertion Loss (dB) (1 TO 3)	≤ 0.6	
Passband Ripple (dB)	< 0.30	
Return Loss (dB)	≥ 50	
Directivity (dB)	≥ 50	
Adjacent Channel Isolation (dB) $\lambda_c+12.5\text{nm}$	> 30	> 30
Non-Adjacent Channel Isolation (dB) $\lambda_c+32.5\text{nm}$	> 40	> 40
Express Channel Isolation (1 TO 3)	≥ 10	
Insertion Loss Thermal Stability (dB/°C)	≤ 0.005	
Thermal Stability Drift (nm/°C)	≤ 0.0025	
Polarization Dependent Loss (PDL) (dB)	≤ 0.1	
Polarization Mode Dispersion (PMD) (PS)	≤ 0.1	
Maximum Power Handling (mW)	250	
Maximum Tensile Load (N)	5	
Operating Temperature (°C)	-5 to +70	
Storage Temperature (°C)	-40 to +85	
Package Dimension (mm)	5.5(ϕ)x36(L)	

※ 1: Insertion loss does not include connector loss

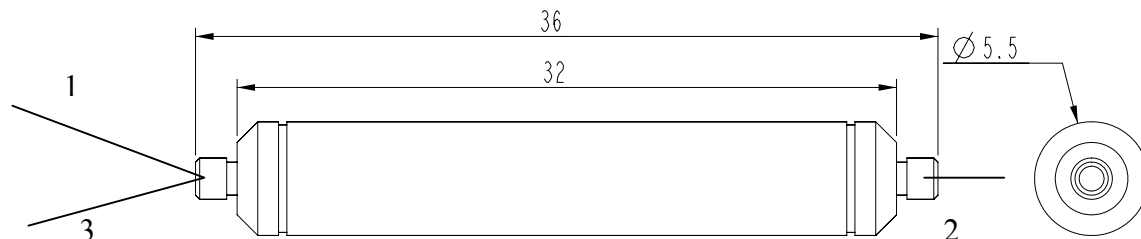
DELTA ELECTRONICS, INC.

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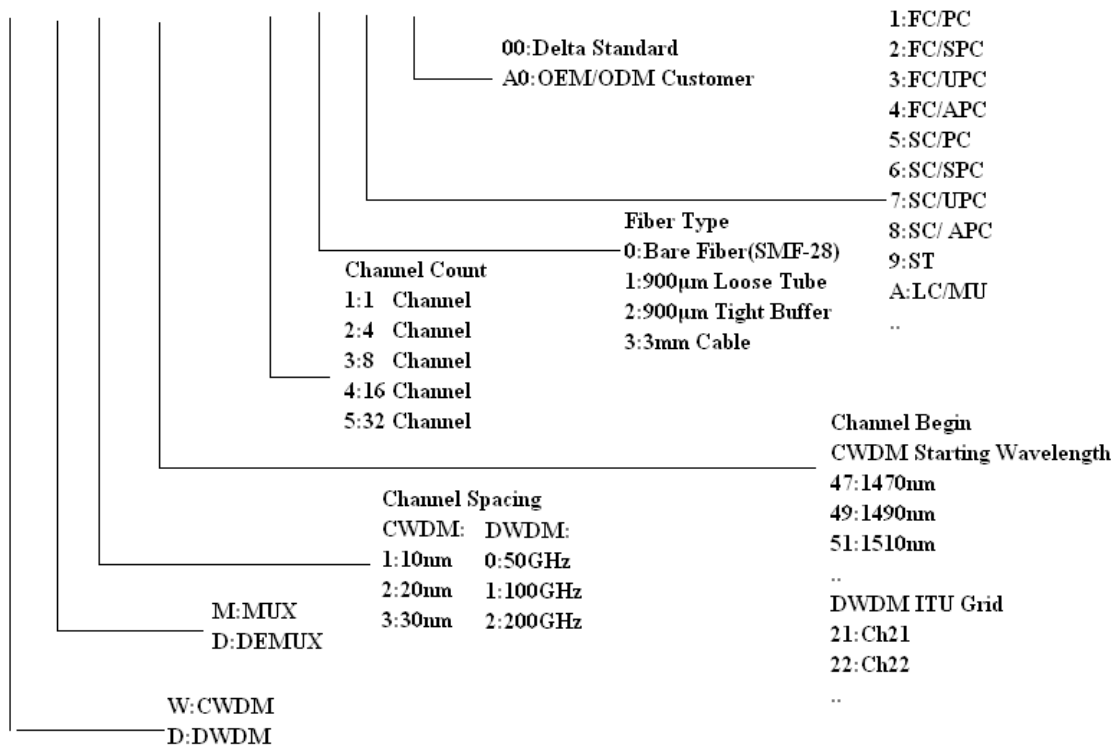
<http://www.deltaww.com>

Dimension:



Order Information:

OPC - XXXXX - XXXXX



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