

CWDM

4 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-WD251-21100

CWDM	Mux (Add)	De-Mux (Drop)
Center Wavelength (nm) λ_c	1510,1530,1550,1570	
Center Wavelength Accuracy (nm)	+/-0.4	
Channel Spacing (nm)	20nm	
Channel Passband (@-0.5dB) (nm)	> 15	
Channel Insertion Loss (dB)	≤ 2.5	
Channel Uniformity (dB)	≤ 1.0	
Passband Ripple (dB)	< 0.30	
Return Loss (dB)	≥ 50	
Directivity (dB)	≥ 50	
Adjacent Channel Isolation (dB) $\lambda_c+12.5\text{nm}$	N/A	> 30
Non-Adjacent Channel Isolation (dB) $\lambda_c+32.5\text{nm}$	N/A	> 40
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 (L×W×H) (mm)	120X80X10	

※ 1: Insertion loss does not include connector loss

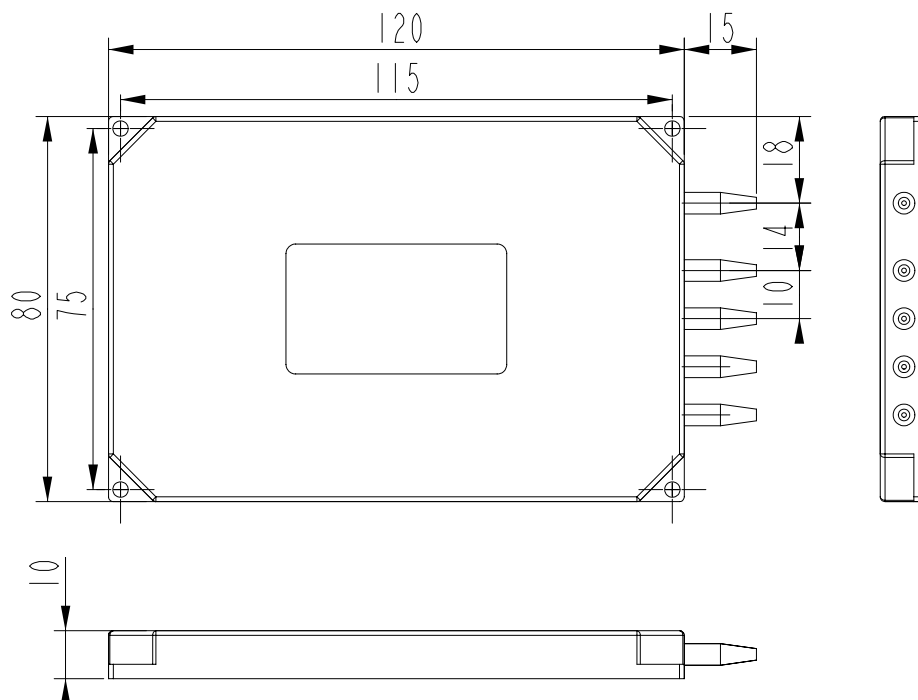
DELTA ELECTRONICS, INC.

(TAOYUAN PLANT II) 252, SHANG YING ROAD, KUEI SAN SHIANG, TAOYUAN SHIEN 333, TAIWAN R.O.C.

TEL: +886-3-3591968 FAX: +886-3-3591991

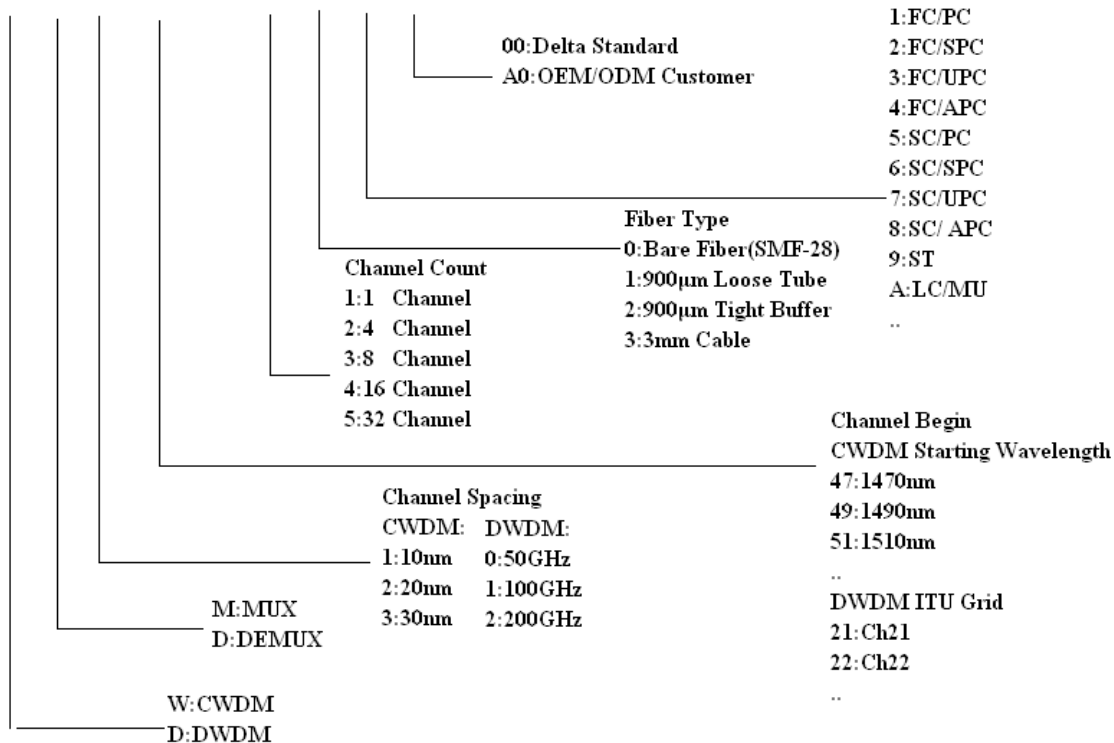
<http://www.deltaww.com>

Dimension:



Order Information:

OPC - XXXXX - XXXXX



DELTA ELECTRONICS, INC.

(TAOYUAN PLANT II) 252, SHANG YING ROAD, KUEI SAN SHIANG, TAOYUAN SHIEN 333, TAIWAN R.O.C.

TEL: +886-3-3591968 FAX: +886-3-3591991

<http://www.deltaww.com>