

Features:

- High Channel Isolation
- Low insertion loss
- Epoxy-Free Lightpath
- ITU Standard
- Bellcore GR-1209 Compliant
- 100 GHz Channel Spacing

Applications:

- Telecommunications
- Local Area Network
- Testing Instruments
- CATV Fiber Optical Link
- Fiber Optical Systems



Specifications:

OPC-DD121-41100

DWDM 100 GHz	Mux (Add)	De-Mux (Drop)
Center Wavelength (nm) λ_c	ITU Grid, C-Band & L-Band	
Center Wavelength Accuracy (nm)	$\leq \pm 0.1$	
Channel Spacing (GHz)	100 (0.8 nm)	
Channel Passband (@-0.5dB) (nm)	≥ 0.3	
Insertion Loss (dB)	≤ 6.0	
Channel Uniformity (dB)	≤ 2.0	
Passband Ripple (dB)	≤ 0.3	
Return Loss (dB)	≥ 50	
Directivity (dB)	≥ 50	
Adjacent Channel Isolation @ $\lambda_c + 0.6\text{nm}$ (dB)	N/A	≥ 25
Non-Adjacent Channel Isolation @ $\lambda_c + 1.4\text{nm}$ (dB)	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 (mm)	150x90x18	

※ Insertion loss does not include connector loss

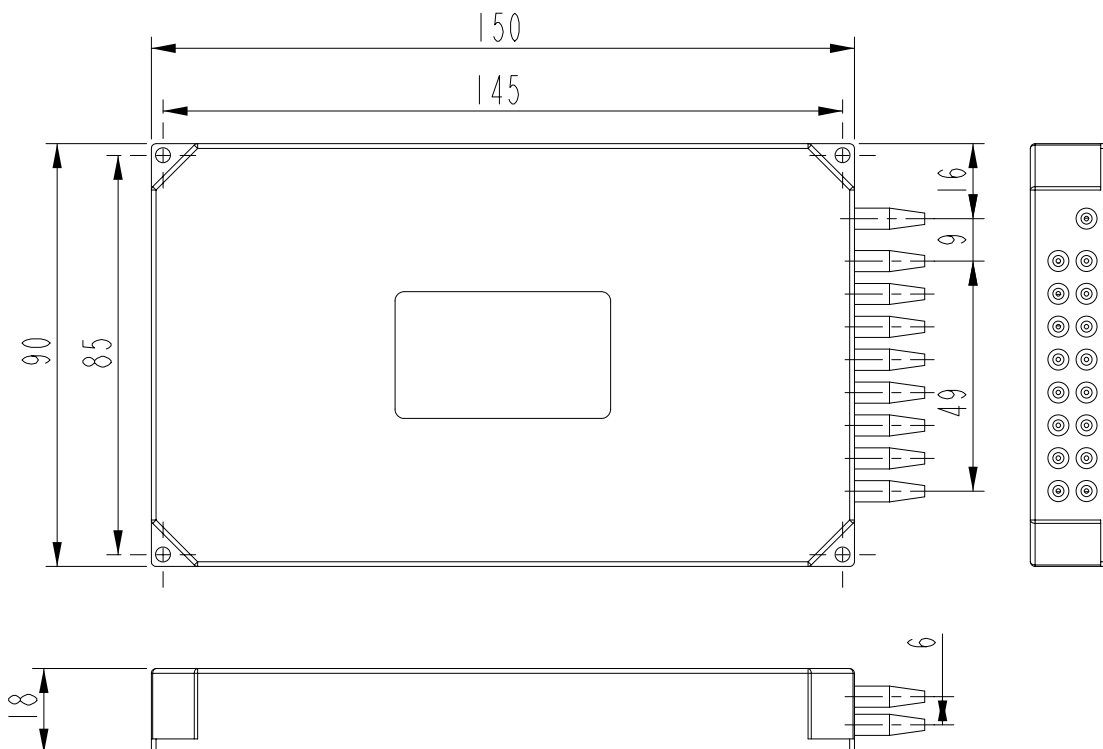
DELTA ELECTRONICS, INC.

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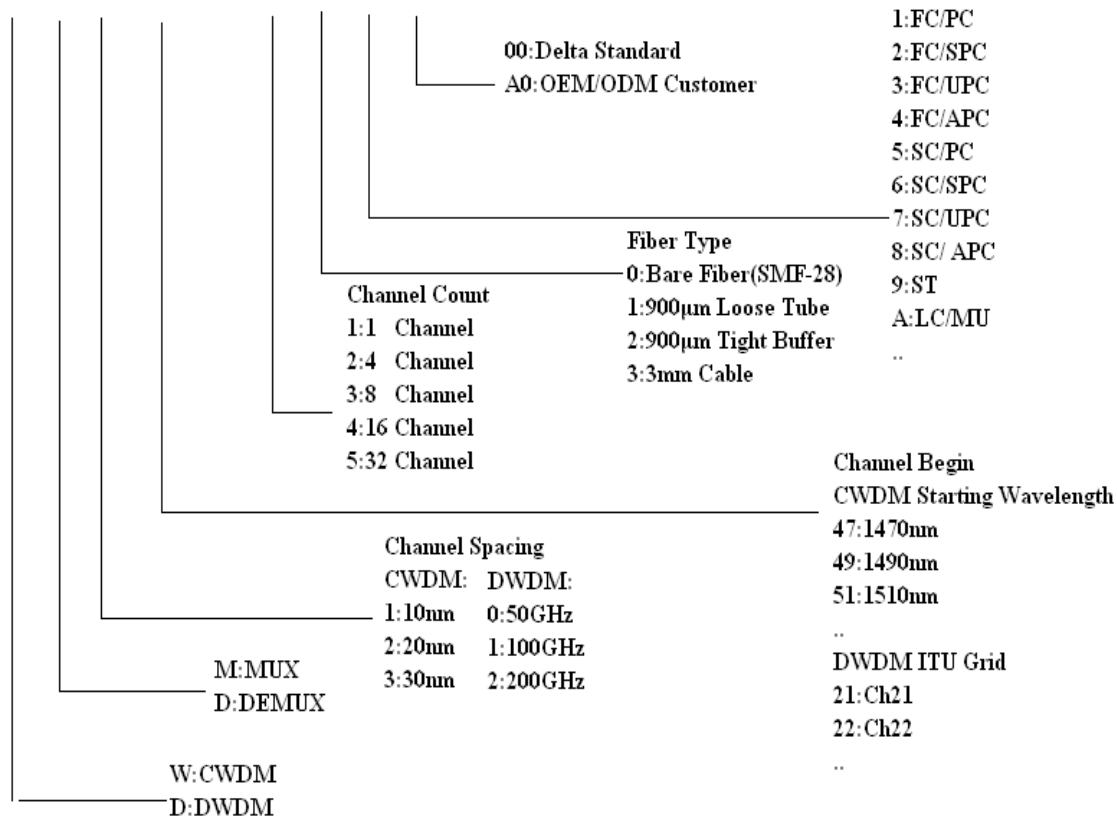
<http://www.deltaww.com>

Dimension:



Order Information:

OPC - X X X X X - X X X XX



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