

8 Channel

Features:

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

Applications:

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



Specifications: OPC-WD247-31100

DWDM 200 GHz	Mux (Add)	De-Mux (Drop)
Center Wavelength (nm) λ_c	1470,1490,1510,1530,1550,1570,1590,1610	
Center Wavelength Accuracy (nm)	$\leq \pm 0.4$	
Channel Spacing (nm)	20 nm	
Channel Passband (@-0.5dB) (nm)	≥ 15	
Insertion Loss (dB)	≤ 4.0	≤ 4.0
Channel Uniformity (dB)	≤ 1.5	
Passband Ripple (dB)	≤ 0.3	
Return Loss (dB)	≥ 50	
Directivity (dB)	≥ 50	
Adjacent Channel Isolation @ $\lambda_c+1.2\text{nm}$ (dB)	N/A	≥ 30
Non-Adjacent Channel Isolation @ $\lambda_c+2.8\text{nm}$ (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)	120x80x10	

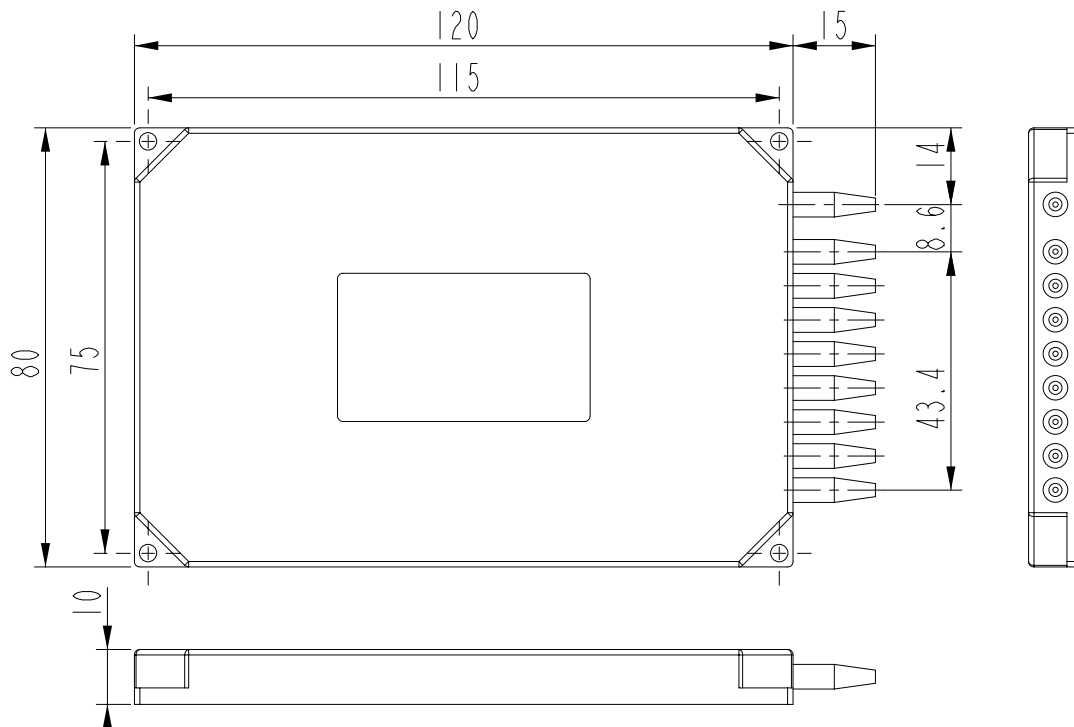
※ : Insertion loss does not include connector loss

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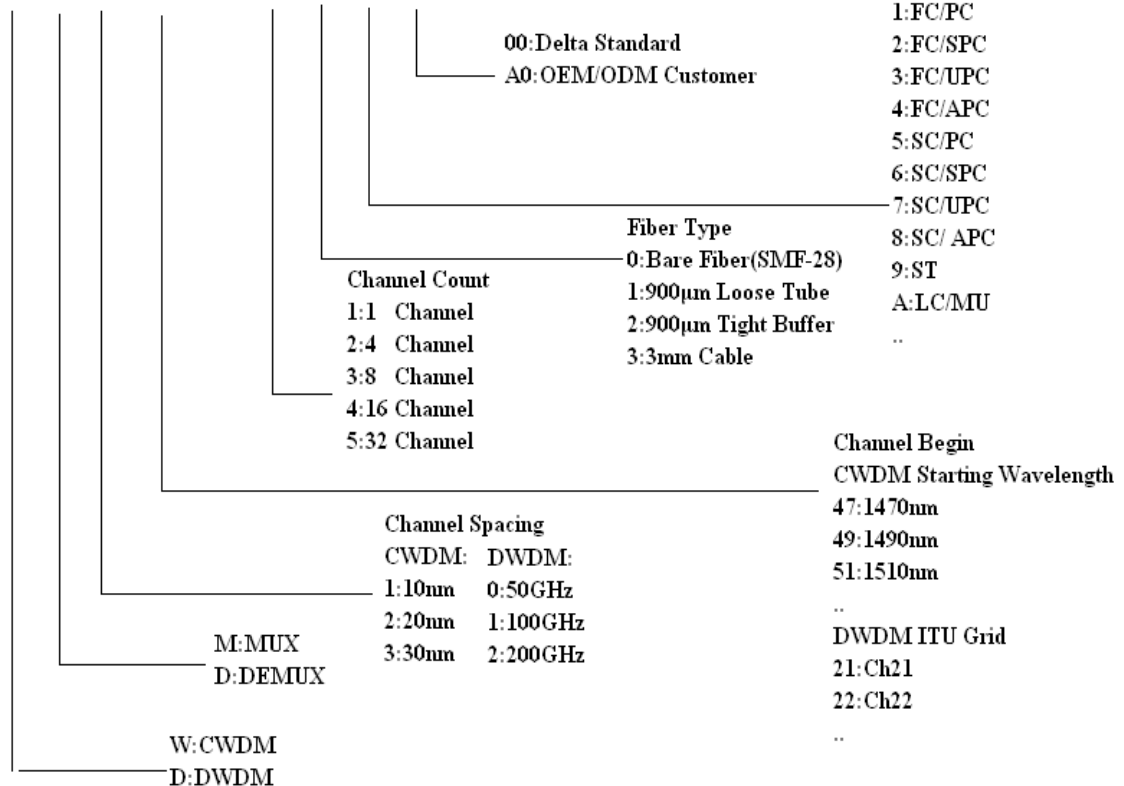
<http://www.deltaww.com>

Dimension:



Order Information:

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



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