

Product Information

Model Number: *DWDM 100G Series*
 Description: *16 Channel 100GHz Wavelength
 Division Multiplexer / DeMultiplexer*

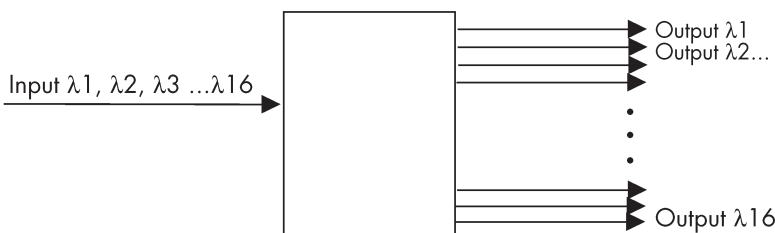
Selected Features

- 100GHz Channel Spacing
- High Channel Isolation
- Low Polarization Dependent Loss
- Low Insertion Loss
- High Reliability
- Compact Size



Selected Applications

- Dense WDM Systems
- Multiplexing and De-multiplexing
- Fiber Amplifier System
- CATV Fiberoptic Links
- EDFA System
- Sensors



Functional Diagram

Performance Specifications

Channel Center Frequency	ITU grids
Number of Channel	16
1 dB Band Width	>0.35nm
Insertion Loss	<6 dB (without connector loss)
Pass Band Ripple	0.5dB
Uniformity	1dB
PDL	<0.3dB

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DWDM 100G 16CH

PMD	<0.3ps
Directivity	>50dB
Return Loss	>50dB
Adjacent Channel Isolation	>25dB
Nonadjacent Channel Isolation	>35dB
Total Cross Talk	>25dB
Within Band Chromatic Dispersion	<5ps

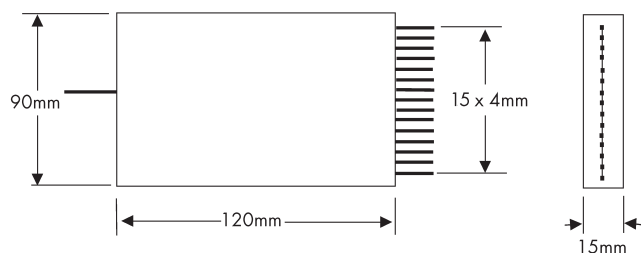
Environmental Specifications

Operation Temp.	-5~65°C
Humidity	0~85% RH
Storage Temperature	-40~85°C

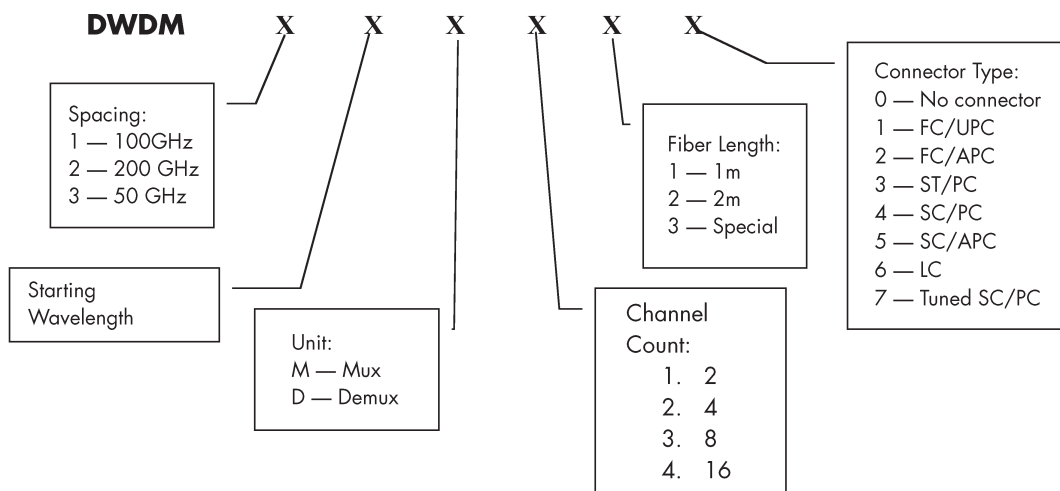
Mechanical & Packaging Specifications

Package Dimension	120 x 90 x 15mm ³
Fiber Type	900um
Pigtail Length	100±5cm
Optional Connector	To Be Specified

Packaging Dimensions



DWDM Ordering Part Number System



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