



DWDM MUX&DMUX 96 Channels

DMPDWx96013060

DESCRIPTION

The DWDM 96 channel MUX & DEMUX along with the OTWDMs 300G or 1200G are used for transporting high-capacity data. This system uses C13 to H60 channels for the transport.

Specifications of the passive:

Establishing minimum appending loss (IL)
No leakage in adjacent channels
High reliability and sustainability
According to ITU-TG.694.1 standard
According to the ROHS-6 Standard on not using hazardous materials in electronic and mechanical products

Product specification

Performance Data		Technical Indexes		
Mux Part Number	DMPDWM96013060			
Demux part number	DMPDWD96013060			
Channel Spacing	50GHz		100GHz	
Channel Type	Flat top Gauss		Flat top Gauss	
Channel Number	96	80	48	40
Wavelength Accuracy (nm)L	±0.5			
−1dB Bandwidth (nm)L	>0.34	>0.24	>0.38	>0.2
−3dB Bandwidth (nm)L	>0.51	>0.3	>0.58	>0.4
Channel Insertion Loss (dB)L	<7.0	<6.0	<5.5	<3.5
Adjacent Channel Isolation (dB)L	>26		>23	>26
Non-adjacent Channel Isolation (dB)L	<30			
Total Isolation (dB)L	<20		<21	
Flatness (dB)L	<1.5			
Return Loss (dB)L	>40			
Directivity (dB)L	>50			
Polarization-Dependent Loss (dB)L	<0.5			
Polarization Mode Dispersion (PS)L	<0.5			
Operating Temperature °C	−10 ~+70			
Storage Temperature °C	−40 ~ +85			
Package Type	Passives in ABS box, 2U standard 19-inch rack			
Dimension	220mm (height) x 27mm (width) x 105mm (Length)l			