

150GHz 32CH DWDM MUX DEMUX 1529.553nm-1566.723nm with Monitor Port, LC/UPC 1U Rack



The 150GHz 32ch DWDM MUX DEMUX is designed by FIBERWDM, wavelength from 1529.553nm-1566.723nm, in accordance with the ITU 150GHZ grid, it maximizes the capacity of the C-band range.

The 150GHz 32ch DWDM is totally passive DWDM device, and support low insertion loss(wavelength ports < 6.0dB), Support 800G x 32ch business in DWDM transfer system.

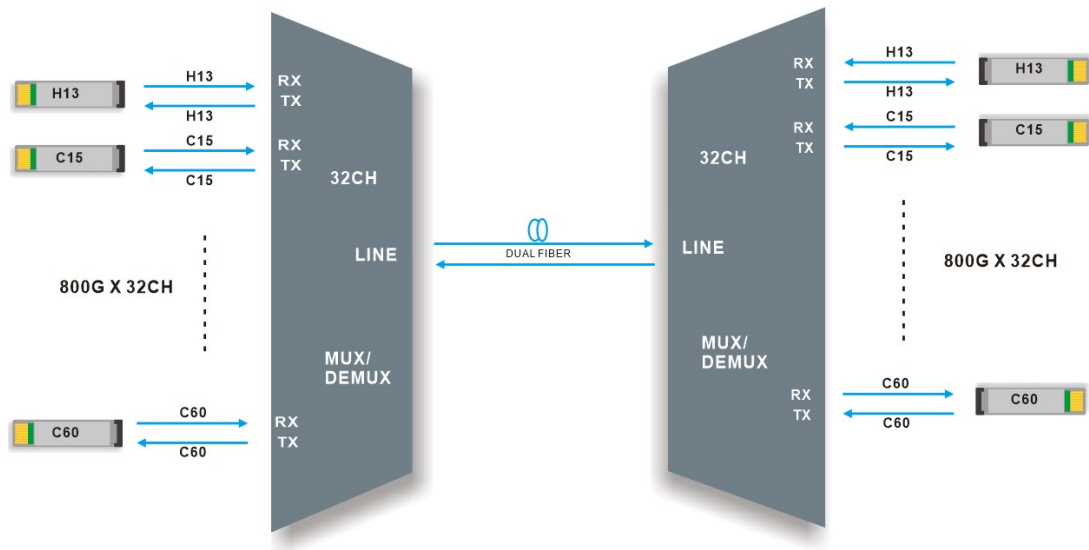
Product Panel



150GHz 32CH DWDM MUX DEMUX

Mon port is for network link monitoring or power monitoring, easy trouble shooting without affecting traffic

Line Link



32CH DWDM MUX DEMUX Dual fiber transmission

32 Channels DWDM MUX DEMUX, supports 32 channels 800G difference business in two optical fiber for point-to-point transmission. It works in IDC transfer system.

Product Specification

Wavelength	1529.553nm-1566.723nm	Channel Spacing	150GHz
Channel Passband	±0.5nm	Technology	AAWG (Flat top)
Insertion Loss	≤6.0dB	Link Loss	≤12dB
Center Wavelength Accuracy	±0.05nm	Total Crosstalk	≥5dB
-0.5dB Bandwidth	≥90GHz	-3dB Bandwidth	≥150GHz
Return Loss	≥ 40dB	Directivity	≥ 40dB
Polarization Mode Dispersion	≤ 1.0ps	Polarization Dependent Loss	≤ 0.7dB
Channel Isolation	Adjacent ≥ 10dB Non-adjacent ≥ 22dB	Temperature	Operating -5 to 65°C Storage -40 to 85°C
Net Weight	3.5KG	Dimensions (HxWxD)	44*440*230mm

Note: Specified with connectors.

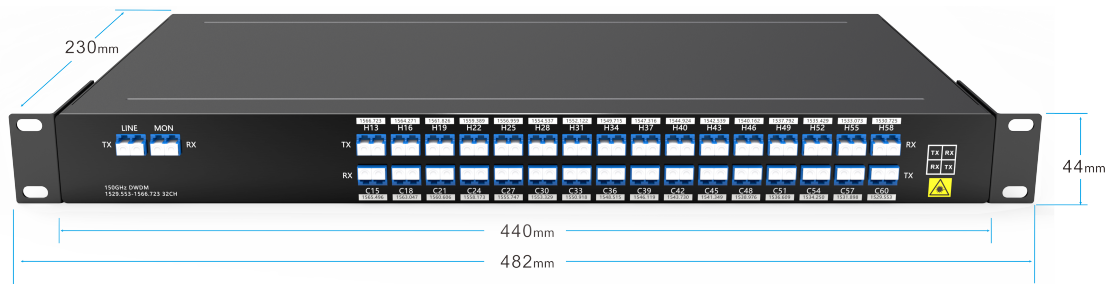
Hannel Plan 32Port AAWG - On grid

Table1 Channels List: Pass bands for 32channel AAWG

Channel #	Frequency (THz)	Wavelength (nm)
C60	196.00	1529.553
H58	195.85	1530.725
C57	195.70	1531.898
H55	195.55	1533.073
C54	195.40	1534.250
H52	195.25	1535.429
C51	195.10	1536.609
H49	194.95	1537.792
C48	194.80	1538.976
H46	194.65	1540.162
C45	194.50	1541.349
H43	194.35	1542.539
C42	194.20	1543.730
H40	194.05	1544.924
C39	193.90	1546.119
H37	193.75	1547.316

Channel #	Frequency (THz)	Wavelength (nm)
C36	193.60	1548.515
H34	193.45	1549.715
C33	193.30	1550.918
H31	193.15	1552.122
C30	193.00	1553.329
H28	192.85	1554.537
C27	192.70	1555.747
H25	192.55	1556.959
C24	192.40	1558.173
H22	192.25	1559.389
C21	192.10	1560.606
H19	191.95	1561.826
C18	191.80	1563.047
H16	191.65	1564.271
C15	191.50	1565.496
H13	191.35	1566.723

Package Information



32CH DWDM 19'' 1U Rack

Order Information

Product No.	Product description
DMD32-1U01-150GHZ-M-H13C60	150GHz 32CH DWDM MUX DEMUX 1529.553nm-1566.723nm with Monitor Port, LC/UPC 1U Rack

Note: We Support Customized Design, please contact us by email.