

C-DWDM-MUXR40MM-21-60

40 Channel 21-60 DWDM ADD/DROP MUX 19inch Rack Mount with Duplex LC connectors and Dual Monitor Ports

Features

- Passive DWDM- AWG
- Mux and Demux – Duplex COM Port
- Duplex LC Connectors
- Dual Monitor/1310 Port Options
- 19" 1U Rack Mount Form Factor
- UPC/LC Adapters

Product Description

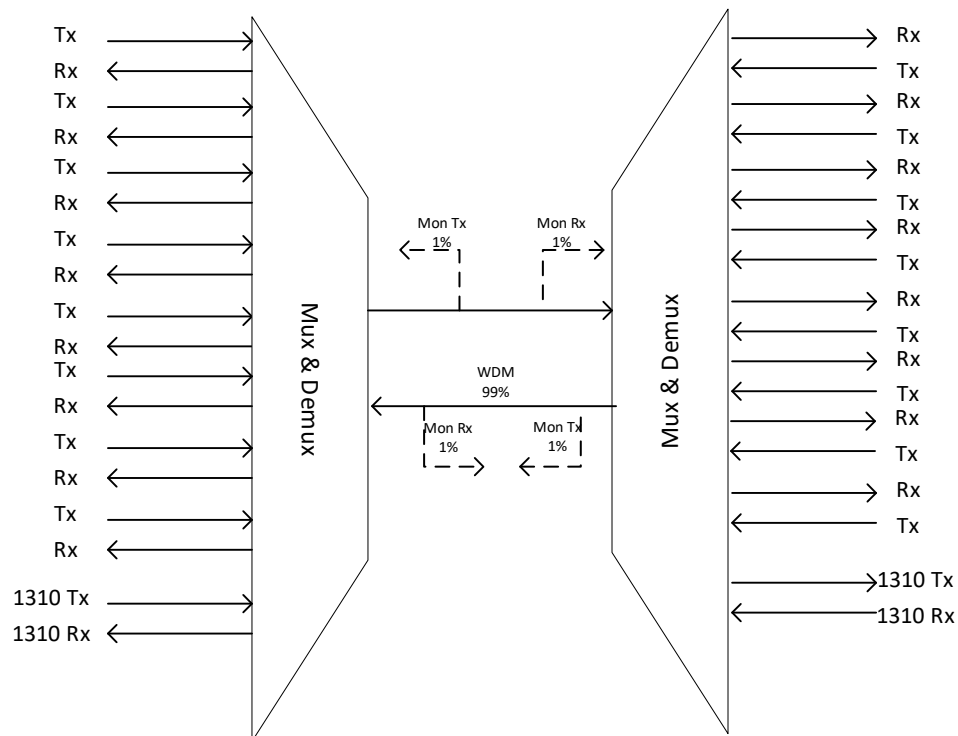
This is a 40 Channel 21-60 DWDM ADD/DROP MUX 19inch rack mount with duplex LC connectors and dual monitor ports. This unit can be used as either a multiplexer or de-multiplexer (mux/demux) and is a plug and play system. All of our mux/demux products are 100% compliant and provide a cost-effective solution for your network upgrade needs. With our certification test program, we guarantee your product will work correctly the first time.

Specifications

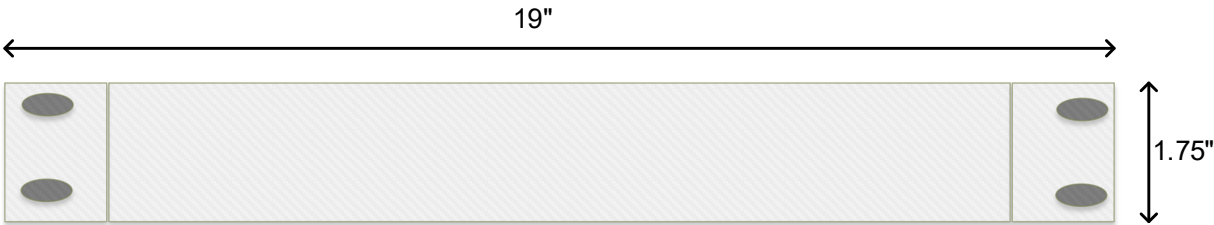
Parameter	Specification	Units
Channel Number	40	
Channel Spacing	100	GHz
Central Wavelength	ITU 100GHz C-Band	nm
Channel Bandwidth	± 0.1	nm
Max. Insertion Loss	≤ 5.5	dB
Isolation – Adjacent Channel	≥ 25	dB
Isolation – Non-Adjacent Channel	≥ 30	dB
Ripple in Passband	≤ 0.5	dB
Monitor Port	1%	
Return Loss	≥ 40	dB
Operating Temperature	0-70	°C
Standage Temperature	-40 ~ 85	°C

Mux Type Application Diagram

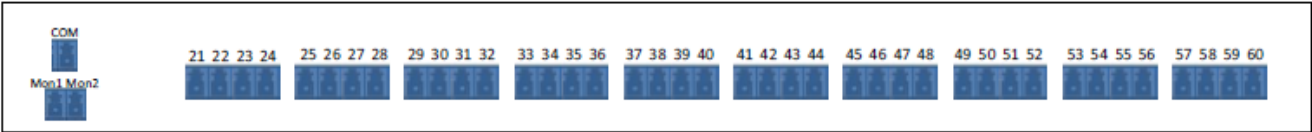
Mux and Demux Application Duplex ~ Monitor and 1310 port application shown.



Mechanical Specifications



Faceplate



Dimensions (Box)	1.75in(H) x 19in(W) x 9.8" in (D)
Adapter Type	LC UPC - Standard
Mounting	19" 1U Rack Mount

DWDM Wavelengths

ITU 100GHz Channels

ITU Channel Number	Wavelength, nm	Frequency, THz	ITU Channel Number	Wavelength, nm	Frequency, THz
21	1560.61	192.1	41	1544.53	194.1
22	1559.79	192.2	42	1543.73	194.2
23	1558.98	192.3	43	1542.94	194.3
24	1558.17	192.4	44	1542.14	194.4
25	1557.36	192.5	45	1541.35	194.4
26	1556.55	192.6	46	1540.56	194.6
27	1555.75	192.7	47	1539.77	194.7
28	1554.94	192.8	48	1538.98	194.8
29	1554.13	192.9	49	1538.19	194.9
30	1553.33	193.0	50	1537.40	195.0
31	1552.52	193.1	51	1536.61	195.1
32	1551.72	193.2	52	1535.82	195.2
33	1550.92	193.3	53	1535.04	195.3
34	1550.12	193.4	54	1534.25	195.4
35	1549.32	193.5	55	1533.47	195.5
36	1548.51	193.6	56	1532.68	195.6
37	1547.72	193.7	57	1531.90	195.7
38	1546.92	193.8	58	1531.12	195.8
39	1546.12	193.9	59	1530.33	195.9
40	1545.32	194.0	60	1529.55	196.0