

ADD-DWDM-MUXR40MM-21-60

40 Channel DWDM MUX and DEMUX, 19in 1U Rack Mount, Channels 21-60, with 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

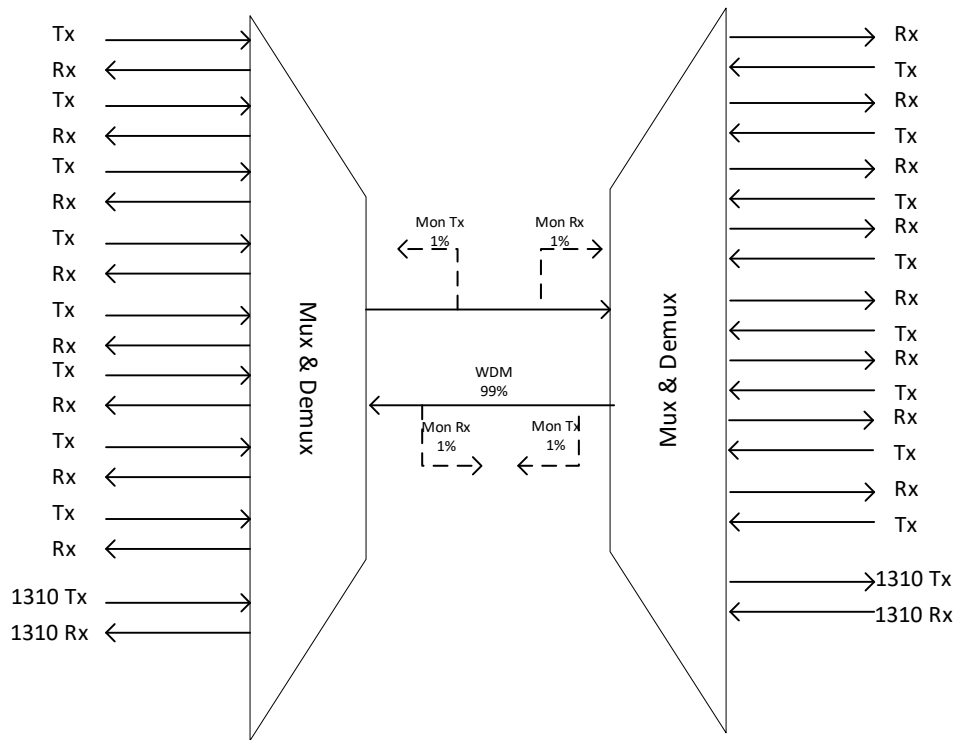
This is a 40 Channel 21-60 DWDM ADD/DROP MUX 19inch rack mount with LC connectors and dual monitor ports. This unit can be used as either a multiplexer or de-multiplexer (mux/demux), and is a plug and play system. All of our mux/demux products are 100% compliant and provide a cost effective solution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

Specifications

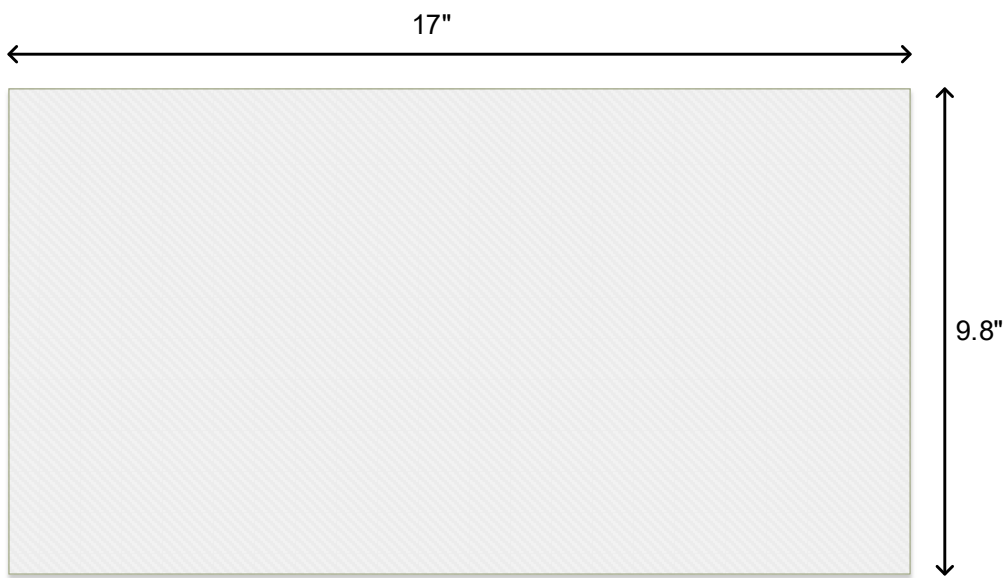
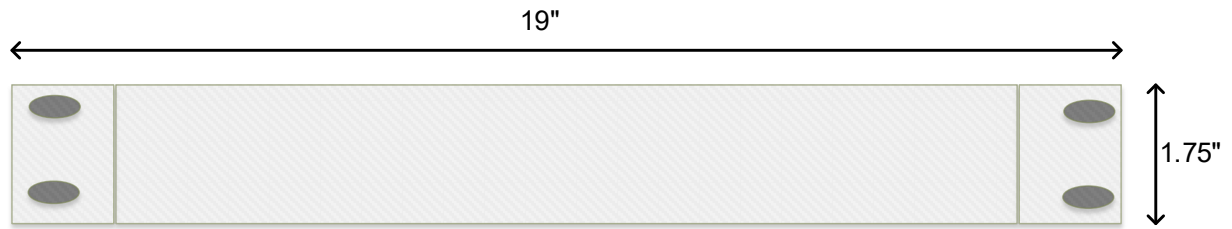
Parameter	Specification	Units
Channel Number	40	
Channel Spacing	100	GHz
Central Wavelength	ITU 100GHz C-Band	nm
Channel Bandwidth	± 0.1	nm
Maximum Insertion Loss	≤5.5	dB
Isolation – Adjacent Channel	≥ 25	dB
Isolation – Non-Adjacent Channel	≥ 30	dB
Ripple in Passband	≤ 0.5	dB
Monitor Port	1%	
Return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

Mux Type Application Diagram

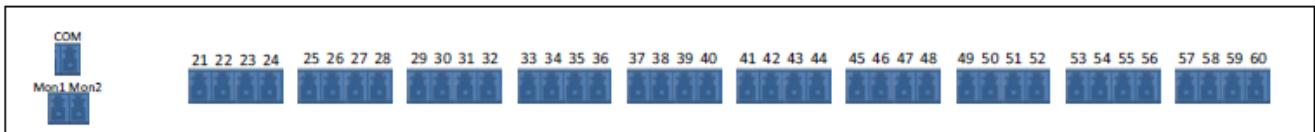
Mux and Demux Application Duplex ~ Monitor and 1310 port application shown.



Mechanical Specifications



Faceplate



Dimensions (Box)	1.75in(H) x 19in(W) x 9.8in (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

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.



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