

96CH DWDM 50GHz (15-62) Dual fiber MUX & DEMUX 2U RACK

F-AAWG-3F3448C172U-55

Features

- 2U 19" Rack mount
- LC / UPC Duplex connector
- 1% Monitor port for Tx and Rx, easy troubleshooting for DWDM system
- ITU G.694.1 50GHz ITU grid, 0.4nm spacing
- Based on Athermal AWG DWDM module technology
- Flat-top Typical insertion loss <7.3 dB
- Telcordia GR-1209-CORE and CR-1221-CORE compliant
- 1% Monitor port for Tx and Rx, ensures easy troubleshooting without downtime
- RoHS6 compliant

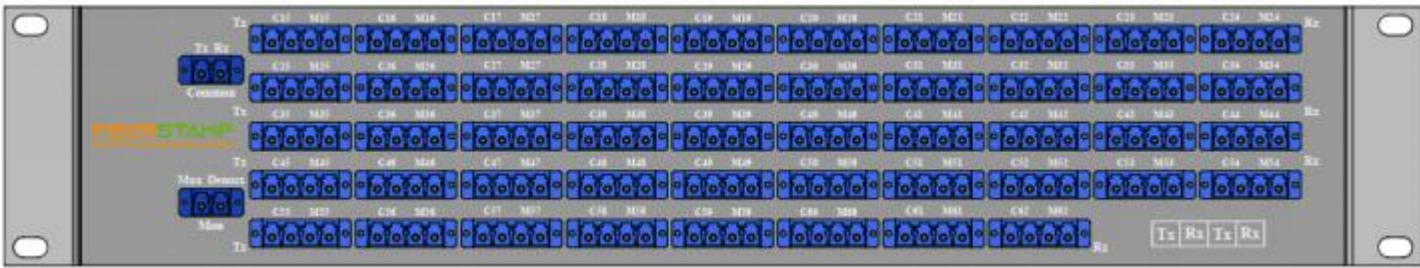
Specifications

Parameters	Unit	Specification
Pass Band Type	/	Flat-top
Grade	/	Typ
Channel Number	/	96
Channel Spacing	GHz	50
Wavelength Accuracy	nm	±0.05
1dB Pass Band	nm	≥0.2
3dB Pass Band	nm	≥0.32
Insertion Loss ¹	dB	≤7.3
Ripple	dB	≤0.5
Uniformity	dB	≤1.5
Adjacent Crosstalk	dB	≥23
Non-adjacent Crosstalk	dB	≥29
Total Crosstalk	dB	≥21
Polarization Dependent Loss	dB	≤0.5
PMD	ps	≤0.5
Chromatic Dispersion	ps/nm	±20
Return Loss	dB	≥40
Operation Temperature	°C	-5~75
Storage Temperature	°C	-40~+85
Package	mm	484 * 245 * 88(19"2U Rack Mount Box)

Mechanical Dimensions

19"2U Rack (Rack-Mountable483*245*88)





M24	1557.768
C24	1558.173
M23	1558.578
C23	1558.983
M22	1559.389
C22	1559.794
M21	1560.200
C21	1560.606
M20	1561.013
C20	1561.419
M19	1561.826
C19	1562.233
M18	1562.640
C18	1563.047
M17	1563.455
C17	1563.863
M16	1564.271
C16	1564.679
M15	1565.087
C15	1565.496

M34	1549.716
C34	1550.116
M33	1550.517
C33	1550.918
M32	1551.319
C32	1551.721
M31	1552.123
C31	1552.524
M30	1552.927
C30	1553.329
M29	1553.731
C29	1554.134
M28	1554.537
C28	1554.940
M27	1555.747
C27	1555.747
M26	1556.151
C26	1556.555
M25	1556.959
C25	1557.363

M44	1541.746
C44	1542.142
M43	1542.539
C43	1542.936
M42	1543.333
C42	1543.731
M41	1544.128
C41	1544.526
M40	1544.924
C40	1545.322
M39	1545.72
C39	1546.119
M38	1546.518
C38	1546.917
M37	1547.316
C37	1547.715
M36	1548.115
C36	1548.515
M35	1548.915
C35	1549.315

M54	1533.858
C54	1534.250
M53	1534.643
C53	1535.036
M52	1535.429
C52	1535.822
M51	1536.216
C51	1536.609
M50	1537.003
C50	1537.397
M49	1537.792
C49	1538.186
M48	1538.581
C48	1538.976
M47	1539.371
C47	1539.766
M46	1540.162
C46	1540.557
M45	1540.953
C45	1541.349

M62	1527.605
C62	1527.994
M61	1528.384
C61	1528.773
M60	1529.163
C60	1529.553
M59	1529.944
C59	1530.334
M58	1530.725
C58	1531.116
M57	1531.507
C57	1531.898
M56	1532.29
C56	1532.681
M55	1533.073
C55	1533.465



Order Information:

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Revision History

Revision	Date	Description
V0	2022-06-10	Initial release

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