

## 64CH DWDM 75GHz C1-C64 Dual fiber MUX & DEMUX 2U RACK

### Features

- ✓ 2U 19" Rack mount
- ✓ LC / UPC Duplex connector
- ✓ 1% Monitor port for Tx and Rx, easy troubleshooting for DWDM system
- ✓ ITU G.196.1 75GHz ITU grid, 0.6nm spacing
- ✓ Based on Athermal AWG DWDM module technology
- ✓ Flat-top Typical insertion loss < 6.0 dB
- ✓ Telcordia GR-1209-CORE and CR-1221-CORE compliant
- ✓ 1% Monitor port for Tx and Rx, ensures easy troubleshooting without downtime
- ✓ RoHS6 compliant

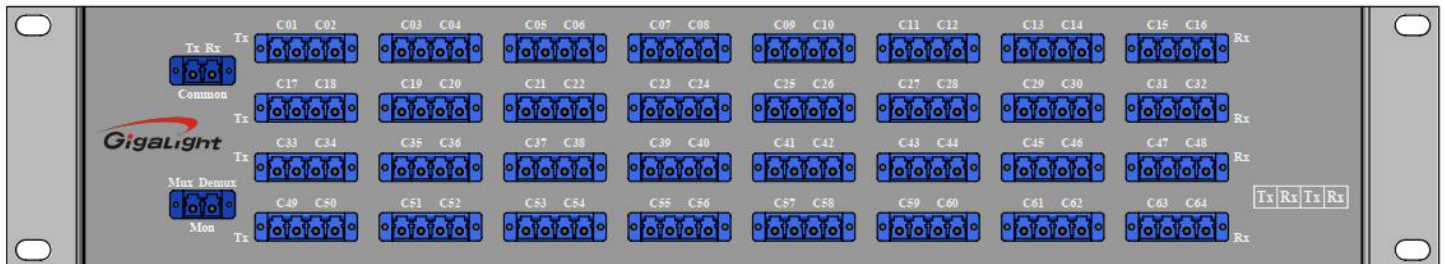
### Specifications

Parameters	Unit	Specification
Pass Band Type	/	Flat-top
Grade	/	Typ
Channel Number	/	64
Channel Spacing	GHz	75
Wavelength Accuracy	nm	±0.05
1dB Pass Band	nm	≥0.3
3dB Pass Band	nm	≥0.55
Insertion Loss <sup>1</sup>	dB	≤6.0
Ripple	dB	≤0.5
Uniformity	dB	≤1.5
Adjacent Crosstalk	dB	≥8
Non-adjacent Crosstalk	dB	≥30
Total Crosstalk	dB	≥5

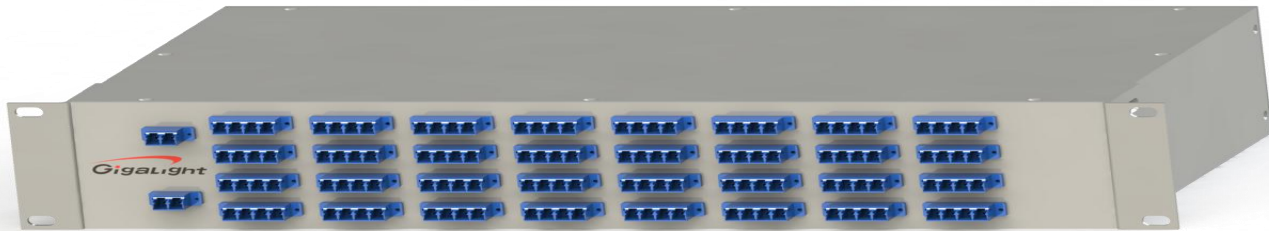
Polarization Dependent Loss	dB	≤0.7
PMD	ps	≤1.0
Chromatic Dispersion	ps/nm	±35
Return Loss	dB	≥40
Operation Temperature	°C	-5 ~ 65
Storage Temperature	°C	-40 ~ +85
Package	mm	484*245*88(19"2U Rack Mount Box)

## Mechanical Dimensions

19" 2U Rack (Rack-Mountable 483\*245\*88)



ITU Channel (xx or yy)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Wavelength (nm)	1566.621	1566.007	1565.394	1564.781	1564.169	1563.557	1562.945	1562.334	1561.724	1561.114	1560.505	1559.896	1559.287	1558.679	1558.072	1557.465
ITU Channel (xx or yy)	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Wavelength (nm)	1556.858	1556.252	1555.646	1555.041	1554.436	1553.832	1553.228	1552.625	1552.022	1551.420	1550.818	1550.216	1549.615	1549.015	1548.415	1547.815
ITU Channel (xx or yy)	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
Wavelength (nm)	1547.216	1546.617	1546.019	1545.422	1544.824	1544.227	1543.631	1543.035	1542.44	1541.845	1541.25	1540.656	1540.063	1539.47	1538.877	1538.285
ITU Channel (xx or yy)	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Wavelength (nm)	1537.693	1537.102	1536.511	1535.92	1535.33	1534.741	1534.152	1533.563	1532.975	1532.387	1531.8	1531.213	1530.627	1530.041	1529.456	1528.871



## Order Info

GAAWG-4F3464C12U-55

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## Revision History

Revision	Date	Description
V0	2022-06-10	Initial release