

1CH 2Waves DWDM OADM West and East Single fiber 100*80*10mm ABS Box

DWDM multi-channel multiplexer /demultiplexer (Mux /DeMux) modules are available on ITU channel spacing of 100GHz. They demonstrate low loss, temperature insensitivity and reliable performance in any system application.

Fixed Mux/DeMux modules offer low-cost wavelength management solutions that are suitable for long haul, metro, and access application.

Features

- ◆ Low Insertion Loss
- ◆ High Isolation
- ◆ Low PDL
- ◆ Compact Design
- ◆ Good channel-to-channel uniformity
- ◆ Wide Operating Wavelength
- ◆ Wide Operating Temperature: -20 to 70℃

Applications

- ◆ DWDM System
- ◆ PON Networks
- ◆ CATV Links
- ◆ Fiber optical amplifier
- ◆ Wavelength routing

Product specification

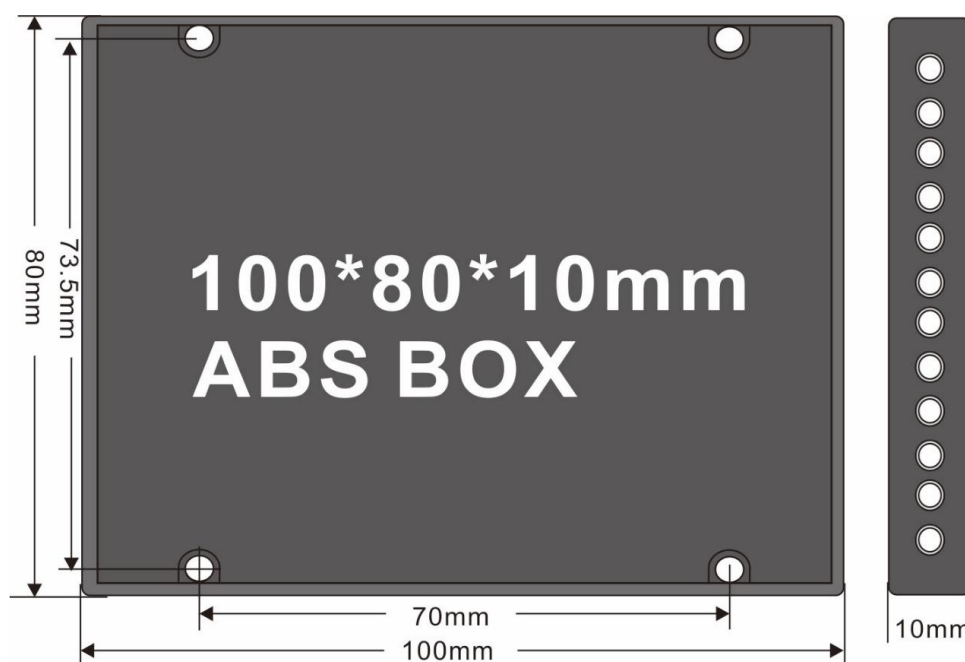
Item	Unit	Parameters
Channel Spacing	GHz	100GHZ
Wavelength Range		C- band ITU channels
Channel Centers	nm	ITU
Channels	ch	1CH 2Waves
Passbandwidth	nm	$\geq \pm 0.13$
Passband Ripple	dB	≤ 0.5
Channel Insertion Loss	dB	≤ 1.5
West TO East(IN to Out)	dB	≤ 1.8
Isolation (adjacent channel)	dB	≥ 30
Isolation (non-adjacent channel)	dB	≥ 40

Polarization Dependent Loss	dB	≤ 0.2
Polarization Mode Dispersion	ps	≤ 0.2
Directivity	dB	≥ 50
Return Loss	dB	≥ 45
Optical Power Handling	mW	≤ 500
Operating Temperature Range	°C	-5 to 70
Storage Temperature Range	°C	-40 to +85
Fiber Type	NA	SMF-28e+
Package dimensions	mm	100*80*10mm ABS
Connector		SC/UPC or other

Notes: 1) FIBERWDM Support Customized Design, please contact us by email sales@fiberwdm.com
2) If you want to order, please email and tell us how many waves and which waves do you want, we will send you more detail datasheet which you want.

Package Information

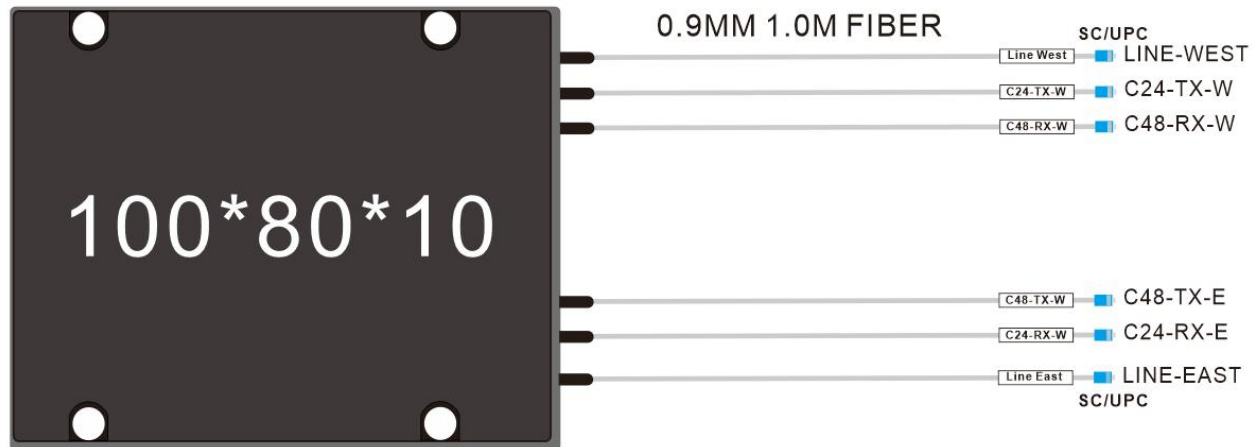
- 1) ABS BOX 100*80*10mm



Product Information

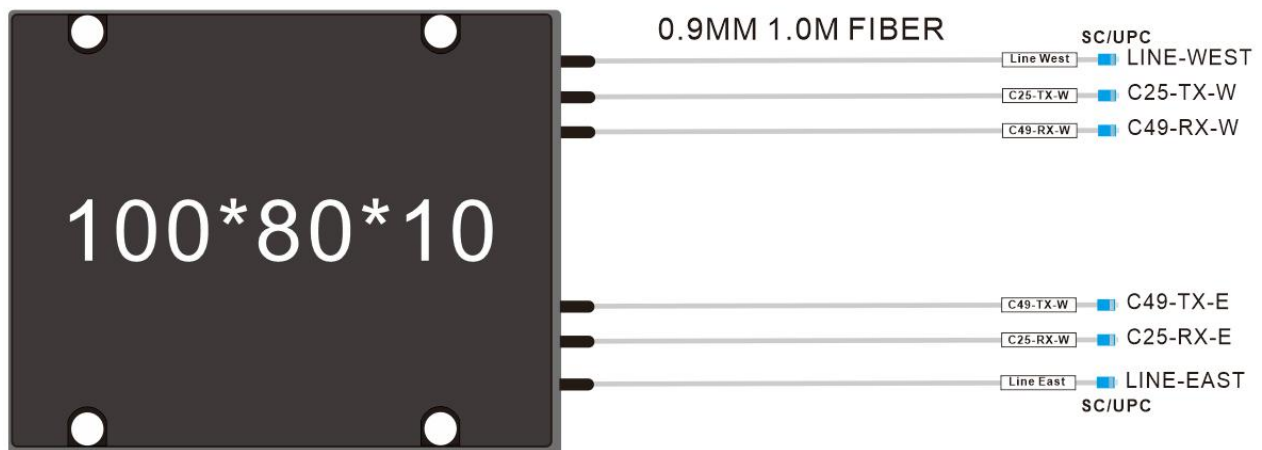
1) Product No.: DOA2-B02-C2448WE

Product Specification: 1CH 2Waves C24/C48 DWDM OADM, West and East, SC/UPC, 0.9mm 1.0M Fiber, 100*80*10mm ABS Box



2) Product No.: DOA2-B02-C2549WE

1CH 2Waves C25/C49 DWDM OADM, West and East, SC/UPC, 0.9mm 1.0M Fiber, 100*80*10mm ABS Box



Note: Fiber diameter can be 0.9mm/2.0mm/3.0mm. Fiber length is 1M or others. Connector can be LC/SC/FC, or others. If you want to order, please check with us first.

Other λ C Wavelength Guide

100GHZ DWDM ITU Waves					
ITU Channel Product Code	Frequency(THz)	Wavelength	ITU Channel Product Code	Frequency(THz)	Wavelength
17	191.7	1563.86	40	194.0	1545.32
18	191.8	1563.04	41	194.1	1544.52
19	191.9	1562.23	42	194.2	1543.73
20	192.0	1561.41	43	194.3	1542.93
21	192.1	1560.60	44	194.4	1542.14
22	192.2	1559.79	45	194.5	1541.34
23	192.3	1558.98	46	194.6	1540.55
24	192.4	1558.17	47	194.7	1539.76
25	192.5	1557.36	48	194.8	1538.97
26	192.6	1556.55	49	194.9	1538.19
27	192.7	1555.74	50	195.0	1537.40
28	192.8	1554.94	51	195.1	1536.61
29	192.9	1554.13	52	195.2	1535.82
30	193.0	1553.32	53	195.3	1535.04
31	193.1	1552.52	54	195.4	1534.25
32	193.2	1551.72	55	195.5	1533.46
33	193.3	1550.92	56	195.6	1532.68
34	193.4	1550.11	57	195.7	1531.89
35	193.5	1549.32	58	195.8	1531.12
36	193.6	1548.51	59	195.9	1530.33
37	193.7	1547.71	60	196.0	1529.55
38	193.8	1546.92	61	196.1	1528.77
39	193.9	1546.12	—	—	—

Note: Support Customized Design, please contact us by email