

0302 CWDM MUX

W4220-S



11-Channel DWDM MUX, 200 G, C-band ITU Channel

This 11-channel DWDM MUX module can achieve line monitoring. It provides low insertion loss, high channel isolation, wide pass band, high stability and reliability and epoxy free optical path.

BAND A

Channel (nm)	1546.119	1547.715	1549.315	1550.918	1552.524	1554.134	OPG to 2A	UPG to 3A
Nominal Center (nm)	1546.119	1547.715	1549.315	1550.918	1552.524	1554.134	-	-
Acyural Center (nm)	1546.225	1547.555	1549.336	1550.762	1552.480	1554.009	-	-
Bandwidth@-3 dB (GHz)	138.6	157.9	147.4	143.3	139.4	143.0	-	-
Loss over Guardband (dB)	2.46	1.76	1.65	1.43	1.12	1.24	2.26	2.07
Ripple over Guardband (dB)	0.14	0.08	0.04	0.10	0.09	0.12	-	-
Non-adjacent Isolation	45.0	45.0	45.0	45.0	45.0	45.0	-	-
Adjacent Isolation	45.0	37.8	45.0	41.3	45.0	41.9	-	-
Return Loss (dB)	54.09	46.62	48.02	53.98	58.80	51.06	55.23	46.55
Differential Channel Loss (dB)	1.29 dB							

BAND B

Channel (nm)	1546.917	1548.515	1550.116	1551.721	1553.329	OPG to 2A	UPG to 3A
Nominal Center (nm)	1546.790	1548.469	1550.058	1551.784	1553.392	-	-
Acyural Center (nm)	1546.225	1547.555	1549.336	1550.762	1552.480	-	-
Bandwidth@-3 dB (GHz)	144.1	152.7	143.5	135.3	158.3	-	-
Loss over Guardband (dB)	1.49	1.79	1.25	0.91	0.67	1.38	1.22
Ripple over Guardband (dB)	0.10	0.10	0.04	0.07	0.03	-	-
Non-adjacent Isolation	45.0	45.0	45.0	45.0	45.0	-	-
Adjacent Isolation	41.7	42.8	45.0	45.0	37.6	-	-
Return Loss (dB)	51.90	48.04	51.62	45.60	48.23	50.92	48.07
Differential Channel Loss (dB)	1.05 dB						

Channel Number	11
Operating Temperature	0°C to 55 °C

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.
2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.