

0602 CWDM MUX

W4220-S



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

The WDM W4220-S is a 11-channel DWDM MUX module which can achieve line monitoring. It provides low insertion loss, high channel isolation, wide pass band, high stability and reliability and epoxy free optical path.

Channel Number	11
Fiber Type	2.0 mm Cable
Connector Type	SC/PC
Operating Temperature	0°C to 55 °C

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	550.762	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	550.762	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						