

MMIC Reflectionless Low Pass Filter Die XLF-252H-D+

Typical Performance Data

Test Condition @ Temperature = +25°C

FREQ. (MHz)	INSERTION LOSS (dB)	INPUT RETURN LOSS (dB)	OUTPUT RETURN LOSS (dB)
10	0.94	25.62	25.69
50	0.96	25.86	26.11
100	0.95	25.56	25.68
300	0.98	23.13	23.12
400	1.00	21.79	21.77
500	1.03	20.62	20.52
700	1.10	18.67	18.54
1000	1.22	16.78	16.63
1300	1.35	15.83	15.71
1500	1.44	15.64	15.55
1700	1.52	15.74	15.70
2000	1.64	16.44	16.56
2500	1.85	19.17	19.86
2700	1.95	20.63	22.02
3000	2.14	22.98	25.69
3500	2.60	23.02	24.60
3800	3.02	21.46	22.14
4000	3.39	20.73	21.22
4500	4.90	21.07	21.73
5000	8.60	21.89	22.41
5500	21.43	20.78	20.68
6000	52.18	19.05	18.91
6500	44.18	14.57	14.14
7000	38.08	12.79	12.33
7500	42.59	12.18	11.83
8000	43.43	12.19	12.12
8500	37.72	12.60	12.86
9000	33.93	13.21	13.79
9500	32.54	13.75	14.72
10000	32.95	14.33	15.57
10500	34.45	14.92	16.53
11000	36.94	15.83	17.88
11500	40.39	17.22	20.05
12000	44.76	18.89	23.08
12500	50.27	19.81	24.41
13000	57.51	18.02	20.87
13500	74.04	15.20	16.84
14000	59.77	12.69	13.92
14500	53.54	10.74	11.86
15000	49.52	9.25	10.33
15500	46.37	8.15	9.23
16000	44.67	7.28	8.38
16500	43.65	6.60	7.75
17000	45.03	6.07	7.22
17500	46.59	5.73	6.96
18000	47.59	5.58	6.69
18500	48.68	5.53	6.62
19000	50.06	5.57	6.42
19500	50.18	5.72	6.49
20000	47.81	5.83	6.43
20500	45.58	6.09	6.60
21000	43.36	6.26	6.63
21500	41.64	6.57	6.76
22000	40.01	6.73	6.84
22500	38.70	7.02	6.99
23000	37.43	7.37	7.20
23500	35.97	7.77	7.53
24000	34.09	8.20	7.89
24500	32.15	8.75	8.53
25000	31.72	9.69	9.14
25500	33.38	10.08	10.00
26000	35.42	9.86	10.61

Note: "Test data of Die packaged in industry standard 4x4mm, 24-lead MCLP package"

