

MMIC Reflectionless Low Pass Filter Die XLF-132H-D+

Typical Performance Data

Test Condition @ Temperature = +25°C

FREQ.	INSERTION LOSS	INPUT RETURN LOSS	OUTPUT RETURN LOSS
(MHz)	(dB)	(dB)	(dB)
10	1.32	20.96	20.97
50	1.34	20.98	21.00
100	1.35	20.72	20.83
300	1.43	19.16	19.20
400	1.49	18.27	18.32
500	1.56	17.49	17.56
700	1.74	16.47	16.56
1000	2.04	16.45	16.52
1300	2.38	18.59	18.47
1500	2.66	21.81	21.25
1680	3.00	25.52	24.25
2000	4.03	22.09	21.78
2500	9.33	22.08	20.89
2700	17.05	20.87	19.79
3000	44.82	18.33	17.53
3500	41.30	14.57	14.23
4000	53.05	14.61	14.86
4500	37.66	16.00	17.01
5000	35.62	17.33	19.08
5500	39.82	18.73	21.56
6000	49.77	21.48	25.83
6500	77.63	26.03	31.46
7000	61.76	25.86	25.09
7500	60.46	20.96	20.16
8000	57.91	17.44	17.14
8500	53.52	15.10	15.04
9000	49.28	13.41	13.46
9500	46.34	12.22	12.44
10000	44.35	11.35	11.70
10500	43.08	10.66	11.03
11000	42.53	10.08	10.56
11500	42.31	9.60	10.06
12000	42.25	9.14	9.58
12500	42.28	8.74	9.14
13000	42.26	8.44	8.91
13500	42.22	8.20	8.63
14000	42.39	8.01	8.44
14500	42.67	7.94	8.24
15000	43.10	7.92	8.19
15500	43.75	7.93	8.14
16000	44.45	7.92	8.26
16500	46.00	7.88	8.20
17000	49.60	7.68	8.05
17500	65.80	7.51	7.79
18000	50.91	7.82	8.14
18500	53.25	9.60	9.94
19000	51.16	10.15	10.49
19500	49.93	9.05	9.11
20000	48.51	8.19	8.33
20500	47.30	7.65	7.73
21000	45.96	7.31	7.44
21500	44.89	6.97	7.28
22000	44.55	6.85	7.33
22500	43.53	6.70	7.11
23000	42.92	6.52	7.15
23500	42.57	6.40	7.26
24000	42.30	6.20	7.16
24500	41.78	6.06	7.08
25000	41.49	6.00	7.06
25500	41.65	5.94	6.94
26000	42.73	6.03	6.75

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

