

Loss-less Impedance Matching Pad

Z7550-EDU1725

Typical Performance Data

FREQUENCY	INSERTION LOSS	INPUT RETURN LOSS, (50Ω)	OUTPUT RETURN LOSS, (75Ω)
(MHz)	(dB)	(dB)	(dB)
1.00	0.01	14.00	14.32
10.00	0.02	13.98	14.35
20.00	0.02	13.98	14.38
30.00	0.03	13.97	14.40
50.00	0.04	13.98	14.45
70.00	0.05	14.00	14.50
90.00	0.07	14.04	14.53
100.00	0.08	14.06	14.55
125.00	0.10	14.12	14.59
150.00	0.12	14.20	14.62
200.00	0.17	14.40	14.70
250.00	0.21	14.62	14.70
300.00	0.26	14.85	14.69
350.00	0.30	15.11	14.73
425.00	0.35	15.46	14.75
475.00	0.37	15.66	14.81
525.00	0.39	15.84	14.98
575.00	0.40	15.94	15.11
625.00	0.41	16.02	15.31
675.00	0.40	16.12	15.66
725.00	0.38	16.21	15.97
775.00	0.36	16.34	16.31
825.00	0.34	16.56	16.84
875.00	0.31	16.86	17.39
900.00	0.30	17.05	17.66
950.00	0.29	17.54	18.30
1000.00	0.28	18.20	19.22
1075.00	0.28	19.52	20.74
1175.00	0.29	22.25	23.41
1275.00	0.31	25.90	25.56
1325.00	0.32	27.00	25.55
1400.00	0.34	25.63	24.71
1425.00	0.34	24.68	24.16
1500.00	0.36	21.90	22.20
1550.00	0.37	20.49	21.48
1600.00	0.38	19.37	20.89
1650.00	0.40	18.53	20.22
1700.00	0.42	18.00	19.80
1750.00	0.45	17.69	19.74
1800.00	0.47	17.59	19.67
1850.00	0.49	17.75	19.65
1900.00	0.50	18.17	20.13
1950.00	0.50	18.83	20.92
2000.00	0.50	19.84	21.68
2050.00	0.49	21.34	23.05
2100.00	0.48	23.41	25.36
2150.00	0.47	26.39	28.00
2200.00	0.47	31.26	32.53
2225.00	0.48	34.59	36.66
2275.00	0.48	34.13	35.71
2300.00	0.49	30.82	31.94
2350.00	0.51	25.88	27.12
2400.00	0.53	22.68	23.92
2450.00	0.55	20.51	21.48
2500.00	0.58	18.87	19.84
2600.00	0.64	16.57	17.48
2700.00	0.68	15.27	16.25
2800.00	0.66	14.59	15.81
2900.00	0.62	14.48	16.49
3000.00	0.64	14.90	17.23



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

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