

## Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS* (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE** (deg.)
3500.00	0.40	9.66	1.48	8.68
3600.00	0.29	10.46	1.37	9.21
3700.00	0.21	11.20	1.29	9.65
3800.00	0.15	11.86	1.20	10.20
3900.00	0.10	12.44	1.12	10.60
4000.00	0.07	12.89	1.06	11.04
4100.00	0.05	13.23	0.98	11.37
4200.00	0.03	13.44	0.94	11.67
4300.00	0.02	13.53	0.88	11.96
4400.00	0.02	13.57	0.84	12.09
4500.00	0.03	13.48	0.81	12.28
4600.00	0.03	13.40	0.76	12.29
4700.00	0.04	13.26	0.74	12.29
4800.00	0.04	13.11	0.69	12.25
4900.00	0.05	12.97	0.67	12.05
5000.00	0.06	12.80	0.63	11.92
5100.00	0.07	12.69	0.60	11.66
5200.00	0.08	12.57	0.58	11.37
5300.00	0.10	12.43	0.54	11.05
5400.00	0.10	12.36	0.51	10.59
5500.00	0.11	12.23	0.47	10.18
5600.00	0.12	12.20	0.41	9.63
5700.00	0.13	12.10	0.37	9.12
5800.00	0.14	12.02	0.32	8.57
5900.00	0.15	11.94	0.28	7.95
6000.00	0.16	11.86	0.23	7.45
6100.00	0.17	11.84	0.16	6.78
6200.00	0.18	11.79	0.09	6.23
6300.00	0.19	11.71	0.01	5.68
6400.00	0.20	11.66	0.04	5.08
6500.00	0.21	11.60	0.12	4.61
6600.00	0.22	11.54	0.18	4.07
6700.00	0.23	11.47	0.24	3.68
6800.00	0.25	11.40	0.32	3.26
6900.00	0.25	11.33	0.35	2.84
7000.00	0.27	11.25	0.42	2.51
7100.00	0.28	11.21	0.47	2.01
7200.00	0.30	11.12	0.51	1.79
7300.00	0.30	11.10	0.54	1.41
7400.00	0.32	11.02	0.55	1.07
7500.00	0.33	10.94	0.58	0.88
7600.00	0.35	10.87	0.59	0.55
7700.00	0.36	10.80	0.60	0.35
7800.00	0.37	10.75	0.61	0.09
7900.00	0.39	10.70	0.56	0.22
8000.00	0.39	10.68	0.55	0.46
8100.00	0.40	10.67	0.50	0.72
8200.00	0.41	10.66	0.46	0.91
8300.00	0.41	10.67	0.42	1.24
8400.00	0.42	10.65	0.35	1.56
8500.00	0.42	10.69	0.29	1.93
9000.00	0.42	11.05	0.12	3.97
9500.00	0.41	11.69	0.55	6.73
10000.00	0.42	12.65	0.95	8.74
10500.00	0.49	13.20	1.29	8.92
11000.00	0.70	12.34	1.68	6.60

\*Insertion Loss is referenced to mid-band loss, 0.60dB

\*\*Relative to 180°