

## Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS* (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE** (deg.)
12000.00	0.23	19.89	3.21	13.72
12100.00	0.23	19.67	3.26	12.02
12200.00	0.27	19.34	3.24	10.80
12300.00	0.24	19.60	3.28	9.20
12400.00	0.24	20.42	3.22	8.44
12500.00	0.24	20.93	3.23	7.42
12600.00	0.26	20.40	3.25	6.18
12700.00	0.28	19.04	3.20	4.29
12800.00	0.27	18.49	3.13	2.79
12900.00	0.27	18.58	3.05	1.06
13000.00	0.25	19.52	3.01	0.37
13200.00	0.21	21.84	2.99	2.38
13400.00	0.20	23.37	2.90	4.72
13600.00	0.19	24.37	2.67	6.28
13800.00	0.13	23.82	2.20	8.32
14000.00	0.10	25.53	1.82	10.09
14200.00	0.07	27.04	1.51	12.25
14400.00	0.04	30.20	1.14	12.85
14600.00	0.04	26.96	0.97	13.36
14800.00	0.05	23.49	0.71	13.22
15000.00	0.04	23.29	0.18	13.44
15250.00	0.09	20.34	0.18	14.12
15500.00	0.13	20.15	0.70	13.04
15600.00	0.14	19.11	0.69	13.57
15700.00	0.18	18.02	0.93	13.30
15800.00	0.22	17.21	1.10	10.86
15900.00	0.20	16.45	1.01	9.78
16000.00	0.26	15.33	1.21	10.09
16100.00	0.35	14.68	1.63	8.42
16200.00	0.32	14.65	1.74	5.73
16300.00	0.35	14.21	1.79	5.59
16400.00	0.45	13.61	2.08	5.26
16500.00	0.45	13.73	2.27	3.13
16600.00	0.46	13.55	2.17	2.18
16700.00	0.55	12.39	2.25	2.20
16800.00	0.60	11.74	2.35	0.08
16900.00	0.57	11.99	2.13	1.96
17000.00	0.57	11.80	1.99	2.01
17100.00	0.67	11.26	2.17	2.82
17200.00	0.66	11.45	2.19	5.02
17300.00	0.61	11.50	2.06	5.54
17400.00	0.71	10.78	2.27	5.01
17500.00	0.79	10.32	2.56	6.41
17650.00	0.76	10.51	2.40	8.90
17800.00	0.86	9.64	2.45	9.44
17950.00	0.82	9.78	2.28	12.08
18100.00	0.90	9.17	2.23	13.21

\*Insertion Loss is referenced to mid-band loss, 0.45dB

\*\*Relative to 180°