

## Typical Performance Data

FREQUENCY (MHz)	AVERAGE INSERTION LOSS* (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE** (deg)
3000	4.48	2.58	5.04	8.70
3200	3.75	3.01	4.45	8.96
3400	3.10	3.44	3.81	8.61
3600	2.53	3.88	3.20	7.73
3800	2.02	4.39	2.68	6.73
4000	1.59	5.02	2.27	6.07
4200	1.19	5.81	1.84	5.75
4400	0.86	6.68	1.36	5.59
4500	0.73	7.11	1.13	5.24
4600	0.60	7.53	0.90	4.89
4700	0.48	7.91	0.68	4.30
4750	0.41	8.09	0.54	4.03
4800	0.37	8.32	0.47	3.64
4850	0.31	8.56	0.36	3.31
4900	0.27	8.80	0.30	2.92
4950	0.23	9.04	0.19	2.61
5000	0.19	9.34	0.16	2.19
5050	0.15	9.64	0.10	1.90
5100	0.12	9.95	0.04	1.50
5150	0.08	10.29	0.04	1.25
5200	0.07	10.61	0.07	1.00
5250	0.03	11.00	0.09	0.93
5300	0.04	11.32	0.13	0.55
5350	0.01	11.62	0.19	0.52
5400	0.01	11.93	0.20	0.30
5450	0.00	12.12	0.25	0.29
5500	0.01	12.34	0.30	0.08
5550	0.01	12.37	0.29	0.04
5600	0.03	12.33	0.41	0.21
5650	0.05	12.19	0.40	0.32
5700	0.07	12.03	0.47	0.67
5750	0.09	11.79	0.43	0.92
5800	0.12	11.39	0.55	1.30
5850	0.15	11.20	0.53	1.80
5900	0.19	10.72	0.57	2.31
5950	0.22	10.52	0.58	2.89
6000	0.27	10.08	0.57	3.57
6050	0.29	9.87	0.55	4.36
6100	0.36	9.53	0.52	5.16
6150	0.38	9.27	0.47	6.20
6200	0.43	9.11	0.39	7.40
6250	0.47	8.83	0.31	8.67
6300	0.52	8.69	0.19	10.19
6400	0.61	8.37	0.07	14.45
6500	0.71	8.23	0.25	21.58

\* Insertion Loss is referenced to mid-band loss , 1.3 dB.

\*\*Phase Unbalance is relative to 180°