

Typical Performance Data

FREQUENCY (GHz)	AVERAGE INSERTION LOSS (dB)	RETURN LOSS (UNBALANCED PORT) (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE ¹ (deg.)	CMRR
1.500	0.83	15.35	1.67	2.35	20.16
1.550	0.78	16.69	1.60	2.72	20.43
1.600	0.75	18.07	1.53	3.05	20.72
1.650	0.73	19.50	1.47	3.37	20.98
1.700	0.71	20.92	1.40	3.68	21.25
1.750	0.69	22.27	1.34	4.00	21.47
1.800	0.69	23.37	1.28	4.27	21.68
1.850	0.68	24.10	1.21	4.54	21.92
1.900	0.68	24.18	1.15	4.79	22.14
1.950	0.68	23.80	1.09	5.02	22.32
2.000	0.69	23.07	1.04	5.19	22.51
2.050	0.69	22.22	0.97	5.32	22.79
2.100	0.70	21.34	0.90	5.47	23.02
2.150	0.71	20.54	0.84	5.60	23.25
2.200	0.71	19.79	0.78	5.72	23.46
2.250	0.72	19.11	0.71	5.82	23.73
2.300	0.73	18.52	0.64	5.93	23.95
2.350	0.74	17.98	0.58	6.05	24.10
2.400	0.75	17.50	0.51	6.15	24.25
2.450	0.76	17.08	0.45	6.23	24.40
2.500	0.77	16.71	0.39	6.33	24.50
2.550	0.78	16.39	0.33	6.39	24.59
2.600	0.79	16.10	0.27	6.42	24.70
2.650	0.80	15.87	0.22	6.41	24.82
2.700	0.81	15.69	0.16	6.39	24.96
2.750	0.82	15.55	0.10	6.35	25.07
2.800	0.82	15.46	0.04	6.31	25.16
2.850	0.82	15.43	0.02	6.26	25.24
2.900	0.82	15.45	0.09	6.20	25.29
2.950	0.82	15.51	0.15	6.16	25.27
3.000	0.82	15.60	0.21	6.13	25.22
3.050	0.82	15.72	0.26	6.07	25.16
3.100	0.82	15.88	0.32	6.03	25.09
3.150	0.82	16.08	0.37	5.99	24.97
3.200	0.82	16.31	0.41	5.92	24.90
3.250	0.81	16.58	0.46	5.81	24.85
3.300	0.81	16.92	0.50	5.69	24.80
3.350	0.81	17.32	0.55	5.57	24.74
3.400	0.80	17.76	0.59	5.42	24.72
3.450	0.80	18.25	0.62	5.27	24.68
3.500	0.80	18.81	0.66	5.09	24.64
3.550	0.79	19.42	0.70	4.93	24.59
3.600	0.79	20.07	0.74	4.75	24.54
3.650	0.79	20.76	0.77	4.56	24.53
3.700	0.79	21.45	0.79	4.34	24.54
3.750	0.79	22.11	0.82	4.13	24.52
3.800	0.79	22.70	0.85	3.91	24.50
3.850	0.80	23.13	0.87	3.67	24.51
3.900	0.80	23.35	0.89	3.42	24.54
3.950	0.81	23.31	0.91	3.19	24.52
4.000	0.82	23.03	0.93	2.92	24.58
4.050	0.83	22.57	0.94	2.66	24.65
4.100	0.84	21.98	0.94	2.36	24.75
4.150	0.85	21.31	0.95	2.06	24.82
4.200	0.86	20.65	0.95	1.73	24.94
4.250	0.88	19.94	0.95	1.39	25.04
4.300	0.89	19.29	0.95	1.04	25.16
4.350	0.91	18.69	0.94	0.69	25.26
4.400	0.93	18.12	0.94	0.34	25.36
4.450	0.95	17.62	0.93	0.03	25.43
4.500	0.96	17.15	0.92	0.41	25.50

¹Relative to 180°