

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹				AMP. UNBAL. (dB)	ISOLATION			PHASE UNBALANCE ²			FREQ. (MHz)	VSWR				
	(dB)					(dB)			(Deg.)				(:1)				
	S-1	S-2	S-3	S-4		1-2	2-3	3-4	@ 90° Port	@ 180° Port	@ 270° Port		S	1	2	3	4
1000.0	6.49	7.27	6.39	7.47	1.07	22.21	32.11	21.79	88.11	180.52	269.51	1000.0	1.04	1.04	1.03	1.17	1.04
1050.0	6.64	7.15	6.53	7.35	0.82	21.93	32.33	21.97	88.20	180.63	269.45	1050.0	1.03	1.02	1.04	1.15	1.04
1100.0	6.79	7.06	6.66	7.24	0.58	21.61	32.27	22.03	88.34	180.75	269.44	1100.0	1.04	1.01	1.05	1.14	1.04
1125.0	6.86	7.02	6.73	7.20	0.47	21.45	32.13	22.05	88.45	180.81	269.47	1125.0	1.05	1.00	1.06	1.14	1.04
1150.0	6.93	6.98	6.78	7.15	0.37	21.29	31.94	22.07	88.55	180.87	269.47	1150.0	1.06	1.00	1.07	1.13	1.05
1175.0	6.99	6.95	6.84	7.12	0.28	21.13	31.69	22.08	88.65	180.93	269.48	1175.0	1.07	1.01	1.08	1.13	1.05
1200.0	7.05	6.93	6.90	7.08	0.19	21.00	31.39	22.09	88.76	180.99	269.50	1200.0	1.07	1.01	1.09	1.13	1.05
1225.0	7.11	6.91	6.95	7.05	0.20	20.89	31.05	22.11	88.87	181.06	269.53	1225.0	1.08	1.01	1.10	1.13	1.06
1250.0	7.16	6.89	7.00	7.02	0.27	20.79	30.69	22.16	88.98	181.12	269.55	1250.0	1.08	1.01	1.11	1.14	1.06
1275.0	7.20	6.88	7.05	7.00	0.33	20.71	30.29	22.20	89.11	181.18	269.58	1275.0	1.08	1.02	1.12	1.14	1.06
1300.0	7.25	6.87	7.10	6.98	0.38	20.67	29.89	22.27	89.26	181.24	269.66	1300.0	1.08	1.02	1.12	1.15	1.07
1350.0	7.31	6.86	7.18	6.95	0.46	20.65	29.04	22.48	89.55	181.36	269.81	1350.0	1.07	1.03	1.13	1.16	1.07
1400.0	7.36	6.86	7.25	6.94	0.50	20.71	28.18	22.77	89.82	181.47	269.96	1400.0	1.06	1.05	1.14	1.18	1.07
1450.0	7.39	6.89	7.32	6.95	0.50	20.90	27.34	23.20	90.08	181.55	270.15	1450.0	1.04	1.06	1.14	1.20	1.07
1500.0	7.40	6.92	7.37	6.97	0.48	21.16	26.53	23.73	90.30	181.62	270.32	1500.0	1.02	1.08	1.14	1.22	1.06
1525.0	7.39	6.94	7.39	6.99	0.45	21.33	26.13	24.04	90.43	181.65	270.44	1525.0	1.02	1.08	1.14	1.23	1.05
1550.0	7.39	6.97	7.42	7.01	0.44	21.53	25.75	24.40	90.55	181.67	270.55	1550.0	1.03	1.09	1.13	1.24	1.05
1575.0	7.37	7.01	7.43	7.04	0.43	21.74	25.36	24.80	90.65	181.68	270.65	1575.0	1.04	1.10	1.13	1.25	1.04
1600.0	7.35	7.04	7.45	7.07	0.41	21.98	25.01	25.22	90.76	181.68	270.78	1600.0	1.06	1.11	1.12	1.26	1.03
1625.0	7.33	7.08	7.46	7.11	0.38	22.25	24.66	25.66	90.87	181.68	270.92	1625.0	1.07	1.11	1.11	1.27	1.03
1650.0	7.31	7.13	7.47	7.16	0.34	22.54	24.32	26.18	90.96	181.67	271.04	1650.0	1.09	1.12	1.11	1.28	1.02
1675.0	7.28	7.18	7.48	7.21	0.30	22.85	23.99	26.75	91.06	181.65	271.20	1675.0	1.12	1.12	1.10	1.28	1.02
1700.0	7.25	7.24	7.48	7.27	0.24	23.17	23.68	27.35	91.13	181.60	271.33	1700.0	1.14	1.13	1.09	1.29	1.02
1725.0	7.21	7.30	7.49	7.34	0.27	23.52	23.39	27.99	91.21	181.56	271.47	1725.0	1.16	1.13	1.08	1.30	1.03
1750.0	7.18	7.36	7.49	7.42	0.31	23.87	23.11	28.69	91.26	181.51	271.60	1750.0	1.18	1.13	1.08	1.30	1.04
1775.0	7.13	7.44	7.48	7.50	0.37	24.24	22.84	29.45	91.29	181.44	271.72	1775.0	1.20	1.13	1.07	1.30	1.06
1800.0	7.09	7.51	7.48	7.58	0.50	24.59	22.59	30.27	91.33	181.38	271.87	1800.0	1.22	1.13	1.07	1.30	1.07
1900.0	6.88	7.88	7.43	8.01	1.13	25.85	21.74	33.93	91.53	181.10	272.60	1900.0	1.31	1.11	1.08	1.28	1.13

¹Total Loss = Insertion Loss + 6dB Splitter Loss²Phase Unbalance is referenced insertion phase at 0° port