

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
500	0.16	22.91	37.37	52.03	44.16	41.53
600	0.18	21.76	38.68	44.89	48.08	37.59
700	0.20	20.92	40.42	39.65	48.67	35.06
800	0.21	20.35	41.36	36.48	44.89	33.51
900	0.22	19.97	44.07	34.80	41.51	32.93
1000	0.23	19.76	44.16	34.01	40.06	32.79
1500	0.26	20.03	35.97	44.16	38.87	45.53
2000	0.29	20.03	37.82	37.69	50.56	38.98
2500	0.31	19.83	39.48	39.21	48.80	44.63
3000	0.33	20.13	32.95	33.41	34.49	35.78
3500	0.35	19.93	33.78	40.24	42.14	39.35
4000	0.37	19.87	36.18	32.76	36.20	36.93
4500	0.39	20.10	36.12	36.60	37.87	30.06
5000	0.41	19.94	29.09	34.09	37.29	52.75
6000	0.44	20.06	30.16	33.88	34.60	39.92
7000	0.47	20.15	27.61	31.40	31.99	31.06
8000	0.50	20.06	28.15	35.58	36.14	26.31
9000	0.53	20.07	42.51	34.24	34.40	25.54
10000	0.55	20.20	22.85	36.09	36.39	23.77
11000	0.58	20.08	19.00	36.80	36.16	23.04
12000	0.60	20.16	20.92	45.11	47.81	21.90
13000	0.64	20.27	32.77	31.56	33.12	21.43
14000	0.67	20.33	24.09	26.72	27.97	21.54
15000	0.71	20.47	22.18	23.76	24.32	22.87
16000	0.75	20.59	24.83	22.81	23.01	28.45
16500	0.73	20.59	31.45	35.85	34.08	22.19
17000	0.77	20.74	21.74	22.89	23.07	36.05
17500	0.76	20.61	27.02	42.00	42.33	23.62
18000	0.80	20.55	22.19	22.78	23.37	29.95
18500	0.79	20.47	19.22	44.51	49.07	27.22
19000	0.84	20.30	24.62	21.26	21.66	29.22
19500	0.84	20.21	17.04	27.84	29.55	27.10
20000	0.86	20.32	19.38	22.60	22.49	30.04
20500	0.88	20.31	19.39	23.73	24.53	30.91
21000	0.87	20.41	17.76	27.40	26.95	34.38
21500	0.90	20.69	20.45	23.29	24.22	32.89
22000	0.90	20.55	18.58	32.82	30.73	39.32
22500	0.94	20.79	21.78	22.13	22.70	33.17
23000	0.92	20.72	19.14	34.44	34.83	32.68
23500	0.95	20.48	24.50	25.67	25.50	29.57
24000	0.96	20.43	20.40	28.29	30.82	26.12
24500	0.97	20.15	23.86	37.06	35.27	28.35
25000	0.98	20.10	21.90	32.19	35.87	21.22
25500	0.99	20.15	18.91	40.35	36.39	32.17
26000	1.01	20.31	32.14	32.29	33.06	18.66
26500	1.02	20.25	17.78	30.54	36.91	45.29
27000	1.03	20.39	31.35	40.20	48.48	16.24
28000	1.07	20.14	20.02	30.87	31.61	18.40
29000	1.10	20.30	15.12	28.32	29.21	19.82
30000	1.14	20.29	15.67	25.80	26.06	25.78
31000	1.16	20.43	17.24	31.86	31.75	28.23
32000	1.18	20.49	20.00	39.62	48.22	30.04
33000	1.23	20.42	25.00	25.07	25.35	27.01
34000	1.28	20.90	23.92	20.80	20.96	25.28
35000	1.30	20.47	18.59	22.18	22.61	22.56
36000	1.33	20.15	17.80	26.14	25.75	30.30
37000	1.34	20.24	17.70	34.94	32.81	38.87
38000	1.38	20.36	17.32	38.11	40.69	22.26
39000	1.42	20.22	18.49	31.72	33.19	18.52
40000	1.44	20.31	29.86	36.72	37.12	16.65

⁽¹⁾ Mainline loss includes coupling loss