

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
500	0.15	22.83	30.27	58.10	46.60	33.40
600	0.17	21.69	30.72	49.16	45.33	31.82
700	0.19	20.86	30.75	42.17	46.98	29.77
800	0.20	20.28	30.46	40.65	44.27	28.06
900	0.21	19.90	29.90	38.66	42.15	26.98
1000	0.22	19.70	29.69	37.53	41.85	26.48
1500	0.25	19.96	29.23	42.83	44.56	36.03
2000	0.28	19.94	28.54	30.39	30.81	24.94
2500	0.30	19.71	24.76	40.69	39.82	29.93
3000	0.33	20.07	42.69	31.06	30.53	27.93
3500	0.35	19.88	24.71	40.53	42.55	33.30
4000	0.37	19.84	29.25	29.46	29.98	29.71
4500	0.39	20.01	25.99	48.38	40.32	33.42
5000	0.41	19.82	24.56	27.46	28.40	28.27
5500	0.42	19.82	35.86	37.35	36.26	31.77
6000	0.44	19.90	25.12	30.45	29.71	29.62
6500	0.46	19.75	41.81	38.27	41.77	29.14
7000	0.47	19.87	25.66	30.71	30.18	30.74
7500	0.49	19.93	30.45	35.81	38.21	23.56
8000	0.50	19.83	22.23	40.72	41.51	26.40
8500	0.52	20.05	25.42	41.47	47.05	22.98
9000	0.54	19.93	26.22	41.29	38.55	26.34
9500	0.55	19.93	22.72	35.70	35.11	24.19
10000	0.57	20.02	40.09	31.93	31.47	30.90
10500	0.58	19.99	22.18	27.93	28.01	21.42
11000	0.60	20.02	24.52	27.79	27.88	28.43
11500	0.64	20.18	26.47	22.38	22.20	20.39
12000	0.63	20.04	28.54	28.49	28.24	24.84
12500	0.69	20.06	22.15	20.07	19.85	21.78
13000	0.66	20.17	25.55	29.27	29.33	23.70
13500	0.74	20.06	22.35	18.22	18.13	21.93
14000	0.69	20.07	18.28	31.89	32.80	23.49
14500	0.79	20.31	22.91	17.06	17.05	22.19
15000	0.72	20.15	18.97	38.23	40.95	19.83
15500	0.83	20.41	15.87	17.02	16.99	31.00
16000	0.75	20.34	20.24	37.40	40.02	19.42
16500	0.84	20.40	22.55	17.74	17.63	29.31
17000	0.78	20.66	19.05	41.64	35.34	22.94
17500	0.87	20.65	26.83	17.25	17.33	31.12
18000	0.82	20.66	27.48	33.30	39.48	24.16
18500	0.91	20.85	25.63	17.17	17.15	56.51
19000	0.85	20.58	24.56	27.19	28.89	20.83
19500	0.91	20.45	43.72	19.55	19.50	33.49
20000	0.88	20.42	20.96	29.43	28.99	21.45
20500	0.91	20.33	20.21	22.21	22.45	29.35
21000	0.90	20.25	24.51	38.44	32.22	25.86
21500	0.93	20.39	19.85	23.31	23.40	38.77
22000	0.93	20.35	26.24	36.20	46.61	25.24
22500	0.95	20.57	20.40	26.24	26.67	34.35
23000	0.95	20.66	23.46	32.97	36.03	25.77
23500	0.98	20.41	29.47	25.17	25.50	32.84
24000	0.99	20.41	26.76	28.33	30.59	24.82
24500	1.00	20.16	27.73	27.48	27.54	25.15
25000	1.01	20.14	29.29	35.50	36.17	28.59
26000	1.04	20.35	20.06	37.08	35.75	22.68
26500	1.05	20.48	25.37	29.04	29.47	33.04
27000	1.07	20.63	22.34	33.18	33.93	27.49
28000	1.10	20.25	25.41	28.30	30.57	27.06
29000	1.14	20.19	23.85	26.09	27.29	24.46
30000	1.19	20.17	16.80	22.29	21.97	18.06

⁽¹⁾ Mainline loss includes coupling loss