

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
500	0.22	19.65	27.82	30.92	30.33	29.15
600	0.29	18.51	28.27	30.66	30.15	27.38
700	0.33	17.67	29.26	31.25	29.36	28.06
800	0.34	17.07	30.14	32.00	29.40	29.74
900	0.34	16.55	31.41	33.38	31.81	33.14
1000	0.35	16.28	33.58	35.76	35.52	38.93
1500	0.40	16.31	33.65	35.79	33.70	29.51
2000	0.43	16.42	28.29	31.74	34.05	46.17
2500	0.45	16.06	35.30	46.00	35.68	32.62
3000	0.45	16.23	30.27	34.53	37.55	34.55
3500	0.45	16.19	27.65	30.96	33.24	27.71
4000	0.46	16.10	43.96	36.56	38.14	41.43
4500	0.46	16.48	29.07	31.95	31.89	29.28
5000	0.46	16.68	29.04	36.50	41.39	35.98
5500	0.48	16.60	30.27	26.69	26.77	28.44
6000	0.48	16.61	30.12	37.08	38.30	33.95
6500	0.51	16.41	31.23	24.38	24.49	26.81
7000	0.51	16.35	22.41	31.26	32.24	33.68
7500	0.54	16.66	26.07	22.65	22.75	24.23
8000	0.53	16.64	25.39	26.08	26.06	23.08
8500	0.56	16.70	19.28	22.63	23.13	26.92
9000	0.55	16.94	22.72	25.33	25.43	19.82
9500	0.59	16.85	25.67	21.71	21.56	27.87
10000	0.58	16.93	21.15	23.73	23.84	20.88
10500	0.60	17.15	26.28	21.26	21.02	25.88
11000	0.59	17.16	35.14	23.22	22.92	21.07
11500	0.63	17.11	27.48	20.71	20.60	22.61
12000	0.63	17.13	22.95	21.26	20.97	20.85
12500	0.64	17.11	25.70	21.71	21.46	20.04
13000	0.66	17.09	24.48	20.97	20.79	24.35
13500	0.65	17.40	17.73	23.30	23.09	20.24
14000	0.67	17.43	24.93	21.62	20.83	26.29
14500	0.66	17.37	17.98	24.92	24.69	19.44
15000	0.68	17.44	17.63	25.10	24.36	33.39
15500	0.70	17.25	28.76	23.01	23.14	21.50
16000	0.70	17.17	17.68	25.86	26.00	23.99
16500	0.72	17.07	30.23	24.59	24.91	25.78
17000	0.73	16.92	19.19	28.94	28.29	21.77
17500	0.74	17.10	22.94	26.15	26.14	24.92
18000	0.75	16.90	18.73	37.89	36.76	21.34
18500	0.78	16.73	16.05	24.92	27.00	23.18
19000	0.79	16.80	21.06	26.03	28.42	22.63
19500	0.82	16.96	14.73	21.01	22.59	25.43
20000	0.82	16.86	20.57	23.65	26.62	21.35
20500	0.86	16.84	16.86	19.69	20.27	27.29
21000	0.86	16.95	17.89	21.74	24.02	19.64
21500	0.92	16.66	26.99	17.81	17.88	27.89
22000	0.87	16.82	20.12	25.46	27.51	18.20
22500	0.94	16.72	24.16	18.22	17.88	28.12
23000	0.88	16.61	17.72	38.51	37.17	17.54
23500	0.91	16.62	26.81	22.21	21.68	26.09
24000	0.91	16.60	14.17	29.61	29.14	18.35
24500	0.94	16.51	18.09	23.91	24.06	26.67
25000	0.96	16.30	14.69	23.98	23.74	19.74
26000	0.98	16.30	18.64	23.90	24.43	23.01
26500	1.01	16.46	14.40	20.14	20.28	24.10
27000	0.99	16.35	24.57	26.35	28.87	25.67
28000	1.00	16.33	26.16	28.51	30.28	27.01
29000	1.06	16.30	15.88	21.72	23.77	21.77
30000	1.12	16.20	12.59	19.44	21.45	20.28

⁽¹⁾ Mainline loss includes coupling loss