

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS <sup>(1)</sup> (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
500	0.21	19.65	25.38	25.26	25.38	22.51
600	0.25	18.60	25.82	25.25	25.78	23.11
700	0.28	17.79	26.12	25.61	27.43	24.08
800	0.29	17.27	26.72	27.02	29.87	24.62
900	0.29	16.92	27.47	29.95	33.72	28.11
1000	0.31	16.74	28.42	33.34	40.98	29.57
1500	0.35	17.14	37.98	24.14	25.96	24.66
2000	0.39	16.36	23.89	28.03	27.73	23.36
2500	0.43	15.59	24.56	29.93	34.96	36.59
3000	0.44	16.07	53.74	30.41	30.22	25.00
3500	0.46	16.01	23.65	35.51	34.37	36.19
4000	0.49	15.66	25.69	29.60	30.66	24.62
4500	0.51	15.90	33.02	34.43	30.24	35.87
5000	0.52	15.84	24.24	27.24	28.85	25.49
6000	0.55	16.06	27.01	26.49	27.09	26.50
7000	0.59	15.75	29.53	31.37	33.63	29.12
8000	0.62	15.64	38.71	33.47	40.21	34.16
9000	0.65	15.81	31.03	33.63	34.96	32.39
10000	0.68	15.58	26.11	36.99	36.55	27.58
11000	0.70	15.73	24.83	36.66	33.66	26.09
12000	0.72	15.90	23.08	44.80	50.72	24.18
13000	0.75	15.77	24.36	39.47	37.78	23.03
14000	0.78	15.94	38.78	41.12	34.19	22.89
15000	0.80	16.06	20.01	38.61	34.25	23.24
16000	0.84	16.00	18.40	28.52	29.25	22.38
16500	0.85	16.11	23.47	23.80	23.89	22.30
17000	0.89	15.79	23.35	22.01	21.66	22.79
17500	0.88	15.92	20.61	28.76	28.27	20.12
18000	0.92	16.02	23.08	21.21	21.10	27.34
18500	0.90	15.91	22.45	40.76	44.61	18.99
19000	0.95	15.81	26.55	21.25	21.39	32.28
19500	0.94	15.89	18.09	29.49	30.66	18.88
20000	0.96	15.93	24.58	22.21	22.30	25.55
20500	0.96	16.05	19.68	26.47	28.42	20.90
21000	0.98	16.33	16.33	22.33	23.04	23.58
21500	1.00	16.15	28.91	23.71	24.44	22.36
22000	1.00	16.25	15.81	24.34	25.63	20.47
22500	1.03	16.52	18.98	21.65	22.08	25.58
23000	1.02	16.33	20.40	28.04	28.71	19.55
23500	1.05	16.56	16.20	21.08	21.88	28.34
24000	1.03	16.72	37.22	29.36	31.57	20.10
24500	1.09	16.43	18.57	21.01	20.88	25.33
25000	1.06	16.44	23.09	33.24	37.56	22.02
25500	1.09	16.50	21.53	22.84	21.91	22.82
26000	1.09	16.55	21.96	28.26	29.18	21.35
26500	1.12	16.49	21.82	24.80	23.13	23.11
27000	1.13	16.54	19.50	24.36	24.89	20.37
28000	1.14	16.27	15.12	33.39	30.01	17.29
29000	1.18	16.34	16.94	40.02	34.24	18.38
30000	1.20	16.68	23.58	32.03	34.40	20.25
31000	1.22	16.83	24.66	29.61	32.10	21.50
32000	1.25	16.88	16.96	26.69	28.37	20.11
33000	1.28	16.95	15.36	28.02	27.33	17.64
34000	1.31	16.81	14.92	29.80	31.63	15.64
35000	1.35	16.53	15.69	31.22	30.45	15.28
36000	1.36	16.56	20.86	30.82	31.31	18.93
37000	1.40	16.55	31.23	44.57	41.72	20.87
38000	1.42	16.69	17.41	29.37	41.78	20.52
39000	1.46	16.74	14.47	26.66	26.01	19.34
40000	1.50	16.37	15.86	30.92	31.06	18.94

<sup>(1)</sup> Mainline loss includes coupling loss