

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS <sup>(1)</sup> (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
500	0.26	16.50	33.38	34.61	33.32	31.43
600	0.35	15.46	33.10	33.78	34.46	31.35
700	0.39	14.68	32.40	33.41	39.85	35.62
800	0.42	14.13	31.71	34.09	43.75	36.06
900	0.42	13.77	30.78	37.01	43.41	29.30
1000	0.43	13.65	29.89	42.71	40.52	26.74
1500	0.47	13.88	29.62	28.47	32.81	33.11
2000	0.52	13.56	33.59	51.18	41.17	22.39
2500	0.55	13.39	25.72	33.24	38.94	37.50
3000	0.54	13.67	33.56	44.85	39.19	23.55
3500	0.57	13.47	27.72	32.82	33.70	38.09
4000	0.57	13.67	29.33	38.44	30.77	26.48
4500	0.57	13.79	29.15	35.63	33.76	30.38
5000	0.60	13.52	28.59	36.24	31.77	30.54
6000	0.61	13.77	26.25	35.28	34.57	26.88
7000	0.62	13.87	21.87	46.10	41.60	30.97
8000	0.68	13.42	19.39	33.18	33.21	33.87
9000	0.72	13.15	20.04	29.61	30.50	33.48
10000	0.74	13.25	32.72	26.58	26.42	23.96
11000	0.76	13.25	27.68	27.50	27.75	21.75
12000	0.79	13.17	20.83	26.81	26.91	20.04
13000	0.80	13.30	20.67	31.08	31.18	20.33
14000	0.82	13.45	23.96	39.28	37.18	23.04
15000	0.85	13.55	25.59	24.70	25.90	27.46
16000	0.89	13.81	33.39	20.73	21.50	22.45
16500	0.87	13.85	19.11	27.36	28.48	35.49
17000	0.90	14.07	22.07	21.18	22.08	20.13
17500	0.91	13.92	22.94	23.95	25.24	23.78
18000	0.91	14.09	16.24	24.15	25.66	21.51
18500	0.94	13.93	25.44	23.20	24.38	19.81
19000	0.95	13.57	16.85	26.40	27.15	24.09
19500	0.99	13.78	18.08	21.48	22.93	17.77
20000	0.99	13.39	20.25	25.26	24.61	26.13
20500	1.02	13.43	15.41	21.86	22.93	16.28
21000	1.02	13.46	23.17	24.55	24.34	24.44
21500	1.03	13.49	17.36	24.59	24.93	17.52
22000	1.05	13.44	20.94	25.09	25.85	23.09
22500	1.05	13.51	19.41	29.32	28.47	18.86
23000	1.08	13.25	20.86	25.67	28.10	27.30
23500	1.07	13.40	23.81	28.14	28.75	20.07
24000	1.08	13.43	19.56	29.55	31.94	26.58
24500	1.10	13.49	31.85	27.69	30.83	22.50
25000	1.09	13.90	19.28	31.27	29.64	27.13
25500	1.10	13.93	39.31	34.32	46.91	22.02
26000	1.12	13.89	18.25	28.30	29.69	25.16
26500	1.12	13.96	30.25	32.73	30.88	20.93
27000	1.15	13.93	17.34	26.75	30.38	21.02
28000	1.15	14.25	19.01	38.65	31.67	19.58
29000	1.19	13.98	22.33	31.26	30.06	18.27
30000	1.25	13.70	26.28	24.15	22.95	17.91
31000	1.25	14.11	21.43	27.54	27.51	19.03
32000	1.27	13.94	16.52	31.08	38.94	19.67
33000	1.34	13.61	13.82	22.50	24.92	20.21
34000	1.37	13.63	14.25	24.03	27.40	22.29
35000	1.38	13.52	15.75	25.89	32.27	23.95
36000	1.46	13.46	18.06	21.80	23.94	24.11
37000	1.51	13.66	22.36	18.32	18.75	20.42
38000	1.46	14.20	23.65	23.77	23.77	17.72
39000	1.49	14.16	24.80	28.33	25.38	15.70
40000	1.59	14.03	17.15	17.42	17.30	15.19

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