

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
500	0.22	16.09	38.29	49.33	39.85	40.30
600	0.27	14.98	41.20	43.90	40.20	41.25
700	0.30	14.18	45.16	40.14	40.89	39.90
800	0.34	13.62	45.14	38.04	41.67	37.15
900	0.36	13.25	40.48	36.81	41.52	35.12
1000	0.38	13.03	37.08	36.25	41.23	33.81
1500	0.41	13.10	32.38	62.68	44.82	41.55
2000	0.45	12.94	36.65	32.05	33.44	29.69
2500	0.48	12.91	29.28	39.50	40.72	39.97
3000	0.49	13.16	47.77	31.35	32.07	29.42
3500	0.53	12.99	29.64	31.16	33.91	37.72
4000	0.54	13.17	36.48	31.11	29.88	28.57
4500	0.56	13.27	27.57	31.21	32.80	38.53
5000	0.59	13.14	32.49	29.71	29.12	28.74
5500	0.60	13.37	26.22	34.29	31.77	50.53
6000	0.62	13.36	28.49	30.39	31.25	30.03
6500	0.65	13.28	26.40	32.13	29.51	31.14
7000	0.66	13.48	23.18	33.90	38.36	32.54
7500	0.70	13.25	30.89	29.57	28.25	26.91
8000	0.72	13.12	21.10	35.22	40.00	39.53
8500	0.74	13.22	26.81	26.23	26.07	25.33
9000	0.76	13.02	22.85	37.56	42.23	33.96
9500	0.79	13.19	24.34	25.13	25.60	24.32
10000	0.79	13.22	24.37	38.91	40.39	30.40
10500	0.82	13.14	24.69	26.83	26.59	24.49
11000	0.83	13.23	30.04	33.04	32.35	37.02
11500	0.86	13.18	23.75	26.93	25.80	24.77
12000	0.90	12.96	38.28	24.59	23.91	34.75
12500	0.91	13.06	25.69	26.26	24.70	25.56
13000	0.96	12.92	37.12	21.87	21.26	30.84
13500	0.98	12.97	24.84	20.80	21.15	22.97
14000	0.99	13.29	23.87	20.99	21.50	24.85
14500	1.07	13.42	25.32	16.18	16.59	18.21
15000	1.00	13.53	18.61	22.74	26.58	20.54
15500	1.13	13.84	19.18	14.91	15.43	17.65
16000	1.03	13.66	20.34	23.82	32.55	17.63
16500	1.14	13.93	16.18	15.80	16.36	19.27
17000	1.07	13.84	20.70	24.22	28.07	16.81
17500	1.13	13.68	18.62	18.89	19.03	24.69
18000	1.09	13.75	18.00	27.71	29.77	18.84
18500	1.15	13.59	25.15	21.22	20.49	33.18
19000	1.14	13.53	20.01	30.44	27.00	23.81
19500	1.16	13.60	28.62	26.66	24.32	35.36
20000	1.18	13.58	22.83	26.26	22.94	33.15
20500	1.19	13.65	36.03	28.40	25.75	23.13
21000	1.22	13.82	19.60	23.33	22.50	35.74
21500	1.24	13.75	25.55	22.63	22.59	18.00
22000	1.25	13.89	18.85	22.91	24.39	25.94
22500	1.29	13.86	18.60	20.77	21.55	16.85
23000	1.30	13.48	22.64	23.58	25.63	21.16
23500	1.34	13.59	16.10	20.14	21.20	18.34
24000	1.35	13.29	23.96	25.48	30.11	19.08
24500	1.37	13.45	17.81	20.97	21.79	21.23
25000	1.37	13.56	20.50	34.27	41.13	17.84
26000	1.42	13.66	19.18	27.81	27.35	18.81
26500	1.42	13.80	22.43	27.06	29.78	21.26
27000	1.44	13.78	20.21	23.97	25.45	18.70
28000	1.44	14.02	21.03	29.76	35.14	19.10
29000	1.48	14.12	19.26	32.62	27.26	17.41
30000	1.57	13.83	18.89	23.71	19.99	17.85

⁽¹⁾ Mainline loss includes coupling loss