

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	OUT (dB)	CPL
16000	0.41	30.21	25.72	24.33	25.02	23.74
16500	0.42	30.16	25.94	23.12	23.14	25.60
17000	0.43	30.10	26.33	23.23	22.94	29.35
17500	0.43	30.03	25.77	25.46	25.28	31.95
18000	0.42	29.96	24.39	31.82	35.72	36.16
18500	0.43	29.92	23.35	27.11	28.55	34.96
19000	0.47	29.95	23.20	20.55	20.66	27.08
19500	0.52	29.96	24.85	17.74	17.70	24.80
20000	0.53	29.96	28.83	17.45	17.44	23.69
20500	0.49	30.01	31.78	20.10	20.03	24.51
21000	0.45	30.01	25.67	30.68	28.91	23.72
21500	0.47	30.01	21.24	25.01	24.65	22.82
22000	0.54	30.05	19.34	18.08	18.21	22.97
22500	0.59	30.19	18.62	16.32	16.50	23.93
23000	0.56	30.21	18.76	17.70	17.90	25.40
23500	0.50	30.09	19.76	23.97	24.09	28.24
24000	0.49	30.01	20.84	30.07	32.31	28.16
24500	0.54	30.01	21.40	19.92	20.36	27.55
25000	0.59	30.07	20.67	17.74	17.93	25.69
25500	0.57	30.04	19.13	19.60	19.56	25.90
26000	0.53	29.96	17.65	28.28	27.61	23.02
26500	0.53	29.92	16.59	26.23	27.08	19.73
27000	0.59	30.08	16.20	18.98	19.36	18.35
27500	0.63	30.15	16.60	17.31	17.62	19.39
28000	0.62	30.10	18.07	18.78	19.18	23.82
28500	0.58	30.05	20.51	23.48	24.54	35.42
29000	0.57	30.09	24.10	27.91	28.38	27.15
29500	0.58	30.11	25.46	24.38	23.59	25.06
30000	0.60	30.15	22.73	23.95	22.92	35.63
30500	0.60	30.08	21.28	27.15	25.72	27.37
31000	0.60	30.06	20.98	35.35	32.54	20.01
31500	0.61	30.01	21.83	42.19	41.58	18.65
32000	0.62	29.97	22.71	33.45	34.94	19.99
32500	0.64	29.90	22.29	25.25	25.33	23.97
33000	0.67	29.96	20.84	21.49	21.33	25.76
33500	0.67	29.98	19.79	21.04	20.90	25.78
34000	0.66	29.93	19.61	25.01	24.90	27.70
34500	0.66	29.99	20.97	27.74	28.97	31.53
35000	0.72	30.06	23.37	19.23	19.60	29.62
35500	0.79	30.14	22.55	15.96	16.30	31.33
36000	0.79	30.16	19.00	16.12	16.51	32.76
36500	0.73	29.98	16.10	20.12	20.65	23.35
37000	0.72	29.81	14.52	26.22	24.70	19.39
37500	0.79	29.92	14.23	17.82	17.50	20.18
38000	0.88	30.10	15.20	14.76	14.81	23.66
38500	0.87	29.99	17.97	15.20	15.40	23.71
39000	0.79	29.87	23.10	20.02	20.21	20.59
39500	0.76	29.87	28.73	31.54	28.64	19.75
40000	0.83	29.82	32.54	18.34	18.39	23.25
40500	0.92	29.79	33.07	14.94	15.32	37.05
41000	0.93	29.83	26.95	15.14	15.94	32.25
41500	0.87	29.72	20.49	18.35	19.95	31.23
42000	0.84	29.69	16.76	24.30	27.60	32.22
42500	0.85	29.71	15.31	22.98	22.69	22.09
43000	0.87	29.76	15.53	21.79	20.84	19.10
43500	0.87	29.72	17.26	26.11	24.30	19.19
44000	0.88	29.60	17.94	33.23	27.97	23.24
44500	0.92	29.58	17.11	21.14	20.09	27.08
45000	0.98	29.65	16.31	18.30	17.36	24.10
45500	1.00	29.71	17.74	20.32	18.88	22.91
46000	0.94	29.69	23.05	28.98	24.14	23.48

⁽¹⁾Mainline loss includes coupling loss

