

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
500	0.10	33.00	39.92	42.46	41.99	50.85
600	0.11	31.64	42.09	41.53	41.78	43.11
700	0.12	30.70	40.34	41.03	41.84	39.19
800	0.12	30.02	37.76	39.71	40.59	37.28
900	0.13	29.56	35.68	39.38	39.93	36.48
1000	0.13	29.31	35.06	39.39	40.31	36.13
1500	0.15	29.55	35.83	42.37	39.82	52.36
2000	0.18	29.52	34.23	31.05	31.57	30.07
2500	0.21	29.28	28.25	40.30	38.96	41.32
3000	0.22	29.58	43.04	32.34	33.86	30.25
3500	0.23	29.40	27.87	42.40	42.53	42.92
4000	0.25	29.44	32.67	31.01	31.46	31.30
5000	0.28	29.51	27.54	29.43	29.43	28.35
5500	0.29	29.66	37.42	37.38	54.00	36.65
6000	0.30	29.72	29.00	30.89	30.84	29.40
6500	0.32	29.44	32.86	35.09	46.30	31.92
7000	0.33	29.63	28.21	32.00	32.16	28.46
7500	0.34	29.64	32.73	35.05	40.20	29.24
8000	0.36	29.48	24.25	32.05	32.07	30.25
8500	0.37	29.74	35.24	35.48	37.13	29.21
9000	0.38	29.60	23.39	35.88	34.94	35.49
9500	0.39	29.55	27.00	30.95	31.52	26.70
10000	0.40	29.72	25.00	47.41	47.35	35.75
10500	0.42	29.60	22.84	25.75	25.69	23.08
11000	0.43	29.63	32.06	38.20	38.92	32.08
11500	0.47	29.77	23.22	22.60	22.22	20.73
12000	0.45	29.55	25.81	33.11	33.10	36.85
12500	0.50	29.72	22.71	20.82	20.51	20.16
13000	0.48	29.76	37.30	30.78	28.75	34.36
13500	0.55	29.64	21.66	19.18	18.78	21.82
14000	0.51	29.74	21.06	29.25	27.18	25.88
14500	0.58	29.81	20.32	18.21	18.10	26.44
15000	0.53	29.53	22.94	30.61	27.93	22.04
15500	0.62	29.75	17.62	17.55	17.24	29.11
16000	0.57	29.69	18.89	25.96	25.17	18.91
16500	0.63	29.63	26.33	18.21	17.99	23.42
17000	0.59	29.94	16.04	25.97	25.36	17.83
17500	0.65	29.79	22.16	18.48	18.13	20.65
18000	0.62	29.70	21.30	24.48	24.34	18.18
18500	0.66	29.99	21.49	19.43	19.08	20.04
19000	0.64	29.63	18.07	26.00	24.91	18.77
19500	0.68	29.89	26.86	19.88	19.63	20.61
20000	0.66	29.71	17.68	27.31	26.78	20.14
20500	0.70	29.64	17.03	20.26	19.71	22.49
21000	0.68	29.67	20.45	28.14	30.61	21.13
21500	0.73	29.72	14.27	19.71	19.53	23.47
22000	0.71	29.65	24.42	25.38	28.49	20.75
22500	0.74	29.67	15.46	20.27	20.30	23.51
23000	0.74	29.84	18.88	23.20	24.79	21.24
23500	0.75	29.49	20.91	21.43	22.69	22.40
24000	0.75	29.91	17.61	26.26	26.89	19.61
24500	0.77	29.70	28.12	23.34	24.70	25.14
25000	0.77	29.51	20.14	30.24	29.71	20.40
26000	0.81	29.15	17.58	39.70	48.40	24.13
26500	0.81	29.73	31.30	24.51	23.97	25.12
27000	0.82	29.70	16.74	25.92	26.06	23.75
28000	0.86	29.52	17.44	22.56	22.47	20.64
29000	0.91	29.18	16.68	20.14	19.09	19.63
30000	0.95	29.43	14.90	20.34	18.89	17.15

⁽¹⁾ Mainline loss includes coupling loss