

Typical Performance Data

FREQ. (MHz)	MAINLINE LOSS ⁽¹⁾ (dB)	COUPLING		DIRECTIVITY		RETURN LOSS			
		(dB)		(dB)		(dB)			
		IN-THRU	IN-COUP 1	THRU-COUP 2	THRU-COUP 1	IN-COUP 2	IN	THRU	COUP 1
2000	0.16	29.87	29.94	38.89	37.82	36.77	45.55	37.02	43.25
3000	0.20	29.87	29.95	42.84	32.07	36.66	34.25	32.20	31.53
4000	0.23	30.13	30.23	30.38	25.58	31.65	32.21	34.48	28.05
5000	0.26	29.75	29.92	25.97	32.32	34.01	33.04	28.34	34.85
6000	0.29	29.97	30.22	37.74	48.01	30.76	29.94	26.32	31.10
7000	0.31	30.08	30.36	30.61	31.93	38.99	39.50	38.44	30.95
8000	0.33	29.87	30.10	37.56	25.23	36.93	38.37	34.07	27.23
9000	0.36	30.13	30.27	27.89	26.98	31.18	29.78	41.59	33.79
10000	0.38	30.33	30.43	29.12	34.19	27.57	29.80	22.57	26.68
11000	0.40	30.11	30.12	22.22	24.93	29.68	28.22	24.12	35.09
12000	0.44	30.26	30.27	24.17	25.20	24.01	24.73	32.37	26.93
13000	0.44	30.43	30.54	27.67	33.50	42.01	37.12	27.69	28.18
14000	0.47	30.18	30.37	28.58	27.29	26.93	27.35	28.59	31.81
15000	0.48	30.26	30.45	28.19	27.30	32.83	36.03	23.68	25.47
16000	0.51	30.46	30.58	26.74	34.19	35.65	53.08	25.00	27.28
17000	0.53	30.39	30.34	25.29	27.33	26.96	29.98	23.67	28.16
18000	0.55	30.32	30.21	21.89	28.72	27.81	29.10	20.19	30.18
19000	0.58	30.57	30.54	33.77	31.62	29.69	31.53	35.64	23.21
20000	0.60	30.36	30.32	25.44	24.21	26.37	27.08	29.66	27.43
21000	0.61	30.35	30.37	20.60	23.24	40.07	38.38	32.00	22.98
22000	0.65	30.62	30.52	34.44	28.21	27.19	30.57	22.69	27.43
23000	0.66	30.57	30.54	20.49	28.90	34.03	38.46	20.91	27.38
24000	0.68	30.29	30.38	27.33	31.28	31.22	28.10	27.84	35.48
25000	0.71	30.54	30.65	23.20	24.28	34.00	41.53	22.27	30.16
26000	0.72	30.53	30.67	25.46	27.19	32.36	29.19	23.08	21.29
26500	0.74	30.46	30.36	31.99	25.56	31.65	33.52	31.38	27.12
27000	0.74	30.51	30.40	23.87	23.16	43.48	37.31	25.12	26.54
28000	0.78	30.63	30.59	19.60	29.23	24.43	27.89	23.13	24.50
29000	0.79	30.57	30.69	27.65	38.77	33.58	49.49	26.24	30.95
30000	0.83	30.32	30.52	22.63	28.97	22.60	25.73	40.58	28.42
31000	0.85	30.34	30.68	21.94	26.80	26.37	32.55	22.36	26.66
32000	0.88	30.33	30.71	24.93	27.48	21.71	23.52	38.01	27.39
33000	0.91	30.30	30.53	23.99	28.86	24.94	26.33	17.91	24.78
34000	0.92	30.11	30.37	20.80	33.57	26.51	28.58	22.24	26.76
35000	0.97	30.06	30.37	24.60	23.25	25.66	23.82	22.56	28.14
36000	0.97	30.02	30.70	21.04	27.25	36.37	38.11	23.13	17.95
37000	0.97	29.85	30.27	16.94	19.79	34.14	33.48	20.12	20.72
38000	1.01	29.98	30.55	19.70	20.25	25.04	28.49	30.79	20.11
39000	1.01	29.58	29.90	17.86	25.65	27.19	23.84	25.93	24.18
40000	1.02	29.70	29.91	29.14	23.21	24.83	31.57	24.35	27.71

⁽¹⁾ Mainline loss includes coupling loss