

Typical Performance Data

FREQ. (MHz)	MAINLINE LOSS ⁽¹⁾ (dB)	COUPLING (dB)		DIRECTIVITY (dB)		RETURN LOSS (dB)				
		IN-THRU	IN-COUP 1	THRU-COUP 2	THRU-COUP 1	IN-COUP 2	IN	THRU	COUP 1	COUP 2
2000	1.29	9.64	9.26	31.63	27.75	31.99	30.31	36.65	31.99	
3000	1.46	9.32	8.89	38.02	35.57	23.53	22.89	32.32	30.51	
4000	1.40	9.67	9.17	25.53	23.72	31.05	28.47	24.20	22.79	
5000	1.54	9.29	8.76	28.59	25.70	34.67	33.14	33.92	30.66	
6000	1.60	9.25	8.72	38.10	38.41	32.04	46.69	31.33	31.27	
7000	1.50	9.76	9.24	29.32	27.71	29.72	29.22	32.65	29.06	
8000	1.58	9.77	9.27	26.68	24.14	22.24	20.41	29.95	25.84	
9000	1.66	9.47	9.01	30.19	31.59	30.70	22.06	29.59	34.43	
10000	1.60	9.74	9.34	19.58	20.56	28.37	20.66	33.72	26.79	
11000	1.58	9.96	9.56	22.18	20.15	22.14	23.83	30.37	28.34	
12000	1.71	9.50	9.19	31.66	21.44	28.12	30.86	36.30	30.50	
13000	1.76	9.38	9.11	29.59	20.34	53.48	39.29	26.33	25.98	
14000	1.70	9.65	9.50	27.30	20.82	42.00	46.79	33.02	46.70	
15000	1.77	9.48	9.47	31.89	25.73	24.37	25.97	26.07	23.91	
16000	1.91	9.10	9.07	25.33	20.29	25.10	27.11	24.79	24.73	
17000	1.86	9.33	9.40	38.78	36.63	39.30	33.13	39.38	36.31	
18000	1.84	9.68	9.73	23.65	21.89	21.52	21.55	25.86	26.10	
19000	2.02	9.47	9.43	21.12	18.77	16.57	17.04	20.45	20.50	
20000	2.02	9.39	9.38	28.84	24.49	18.86	19.17	24.14	25.26	
21000	1.87	9.85	9.82	19.11	16.17	27.95	28.05	20.77	18.59	
22000	1.95	9.70	9.57	18.89	15.90	31.12	30.14	20.55	20.89	
23000	2.10	9.41	9.30	24.20	19.71	23.14	23.26	26.20	22.57	
24000	2.05	9.60	9.47	22.24	19.32	28.72	27.86	25.61	24.18	
25000	1.99	9.94	9.77	19.69	16.76	28.34	35.40	21.02	19.24	
26000	2.16	9.61	9.44	24.83	22.77	20.05	22.36	29.64	31.10	
26500	2.14	9.54	9.41	27.93	23.29	32.69	30.19	29.88	20.97	
27000	2.27	9.65	9.36	19.86	17.30	16.85	17.96	22.11	20.37	
28000	2.12	9.91	9.65	20.94	21.41	26.63	27.24	28.11	34.62	
29000	2.15	9.92	9.64	18.37	15.39	32.99	31.55	23.67	22.89	
30000	2.39	9.55	9.27	23.20	19.45	17.47	17.59	45.52	31.18	
31000	2.36	9.85	9.41	16.43	13.31	17.40	17.28	21.44	22.10	
32000	2.26	10.06	9.83	24.61	19.57	22.00	20.79	28.12	25.03	
33000	2.35	9.78	9.40	16.53	11.99	30.08	27.03	21.27	19.31	
34000	2.64	9.47	9.18	20.84	18.33	17.00	16.78	24.53	30.91	
35000	2.42	9.86	9.48	17.10	13.21	25.88	26.27	21.82	22.69	
36000	2.40	10.03	9.82	22.23	16.53	23.65	20.98	30.90	26.72	
37000	2.59	9.44	9.02	16.55	13.93	19.03	21.06	15.42	17.47	
38000	2.54	9.61	9.45	32.40	22.28	20.51	20.34	23.47	24.89	
39000	2.42	10.18	9.66	19.59	14.73	28.36	34.39	14.96	16.02	
40000	2.53	9.78	9.47	25.93	17.33	31.43	38.68	18.91	21.67	

⁽¹⁾ Mainline loss includes coupling loss