

## Typical Performance Data

FREQ. (MHz)	MAINLINE LOSS <sup>(1)</sup> (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
1000	0.11	30.02	29.83	37.16	36.40	44.37	44.47	48.35	48.59	
2000	0.16	29.96	29.60	42.76	46.20	41.83	40.46	33.68	36.38	
3000	0.20	29.53	29.39	27.88	31.79	32.44	34.11	28.13	36.92	
4000	0.23	29.91	29.76	33.44	33.55	38.38	39.59	36.26	33.22	
5000	0.26	29.53	29.44	24.57	26.79	32.19	32.38	27.30	28.49	
6000	0.28	29.96	29.88	37.31	42.27	30.91	30.38	27.12	29.67	
7000	0.31	29.58	29.50	26.19	27.73	29.11	27.84	31.73	43.58	
8000	0.33	30.00	29.88	36.05	27.81	29.37	28.86	35.11	30.70	
9000	0.36	29.64	29.55	25.32	24.03	29.27	30.67	26.38	25.99	
10000	0.37	29.99	29.95	30.17	29.46	37.96	39.21	22.85	25.08	
11000	0.40	29.67	29.68	26.21	24.75	28.98	28.24	25.71	30.66	
12000	0.44	30.06	29.99	25.06	29.39	24.63	24.34	33.35	36.27	
13000	0.47	29.78	29.66	28.47	33.05	23.88	23.90	23.03	31.20	
14000	0.48	30.18	30.01	23.41	24.48	29.12	29.26	20.71	25.89	
15000	0.50	29.83	29.66	22.17	27.00	33.56	36.01	22.91	26.48	
16000	0.53	30.05	29.99	39.18	26.27	27.11	28.27	29.44	56.96	
17000	0.55	29.88	29.91	25.18	24.00	25.05	25.24	27.75	25.91	
18000	0.56	30.27	30.17	35.23	41.83	26.30	26.54	23.01	23.57	
19000	0.58	29.95	29.81	32.69	31.67	28.48	30.09	30.57	30.30	
20000	0.59	30.12	30.04	19.35	25.72	31.38	42.38	26.61	26.70	
21000	0.63	29.86	29.74	20.58	28.69	23.73	24.18	22.18	25.46	
22000	0.67	30.18	30.11	21.45	22.33	21.11	21.37	19.17	24.61	
23000	0.66	29.96	29.87	18.04	20.38	27.01	27.78	18.85	20.47	
24000	0.68	30.19	30.07	31.86	36.51	33.26	27.84	24.15	24.29	
25000	0.71	29.97	29.78	27.66	27.50	27.96	25.80	25.13	34.08	
26500	0.74	30.04	30.00	21.88	26.01	31.70	28.15	20.81	26.58	
27000	0.75	29.81	29.83	40.08	25.98	43.28	35.40	30.48	29.57	
28000	0.81	30.07	30.03	18.14	21.40	21.80	21.93	25.39	24.53	
29000	0.84	29.95	29.87	25.13	28.36	20.77	21.05	25.39	38.00	
30000	0.84	30.11	29.98	23.89	32.98	27.32	33.68	34.22	27.24	
31000	0.92	29.84	29.80	30.39	21.12	17.60	17.84	28.38	28.88	
32000	0.89	30.08	29.97	24.23	22.26	22.55	22.86	18.68	25.02	
33000	0.95	29.88	29.66	27.60	33.18	21.58	22.68	18.86	22.82	
34000	0.97	30.12	29.83	28.16	25.69	19.07	20.44	22.54	31.69	
35000	0.96	30.01	29.90	21.98	25.94	30.47	36.60	20.07	26.94	
36000	1.01	30.01	29.92	20.39	20.12	23.20	22.50	20.67	39.86	
37000	1.00	29.74	29.74	30.06	29.04	27.33	26.70	32.63	19.83	
38000	1.00	29.64	29.65	15.72	16.15	36.86	36.47	24.48	16.48	
39000	1.02	29.53	29.48	19.62	22.61	30.71	28.57	30.18	20.88	
40000	1.05	29.78	29.44	22.62	32.21	23.62	23.08	32.70	28.15	

<sup>(1)</sup> Mainline loss includes coupling loss