

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
18000	0.53	20.41	20.29	31.14	25.83	20.20	19.97	20.98	25.72	
18500	0.55	20.39	20.32	35.88	25.05	19.19	18.90	28.70	27.64	
19000	0.54	20.40	20.33	30.80	25.02	22.32	21.71	41.06	25.78	
19500	0.52	20.39	20.31	33.56	27.11	38.84	32.75	37.05	27.16	
20000	0.53	20.37	20.31	37.78	30.35	25.03	24.96	28.85	31.48	
20500	0.56	20.33	20.27	28.70	31.50	20.72	20.54	24.99	25.43	
21000	0.57	20.34	20.25	24.19	29.99	21.74	21.31	25.26	23.56	
21500	0.55	20.33	20.26	21.06	26.64	30.10	28.67	22.75	24.76	
22000	0.56	20.31	20.22	18.54	22.53	29.04	28.85	18.73	22.89	
22500	0.59	20.41	20.27	16.81	19.77	21.34	21.33	18.14	21.50	
23000	0.61	20.37	20.29	16.43	18.73	20.42	20.17	21.72	25.09	
23500	0.60	20.28	20.20	17.74	19.63	24.47	24.39	26.55	37.40	
24000	0.58	20.39	20.25	21.10	22.34	53.47	51.58	21.50	24.25	
24500	0.60	20.51	20.33	26.35	26.78	25.27	24.87	20.39	21.79	
25000	0.62	20.53	20.34	27.34	28.05	22.81	22.72	22.30	23.19	
25500	0.61	20.52	20.32	26.09	26.49	27.15	27.29	22.87	23.44	
26000	0.61	20.53	20.31	27.28	26.89	31.92	31.54	22.69	21.98	
26500	0.65	20.52	20.34	27.65	28.51	22.58	22.58	25.60	23.53	
27000	0.67	20.46	20.27	26.02	29.41	20.59	20.73	23.32	34.20	
27500	0.66	20.51	20.26	24.84	31.97	23.54	23.81	20.23	27.83	
28000	0.65	20.52	20.27	24.15	37.65	35.72	49.83	21.15	24.28	
28500	0.68	20.52	20.26	22.22	35.55	22.80	23.09	25.56	28.03	
29000	0.73	20.61	20.29	20.34	31.54	18.38	18.60	24.78	34.84	
29500	0.75	20.57	20.27	20.44	32.45	17.43	17.46	25.06	32.07	
30000	0.72	20.49	20.27	24.21	45.51	19.55	19.65	33.62	30.37	
30500	0.70	20.54	20.27	41.81	27.69	26.01	26.01	24.49	23.46	
31000	0.71	20.52	20.24	26.27	22.41	29.29	27.39	21.07	20.58	
31500	0.73	20.47	20.19	21.99	20.29	22.16	21.27	24.31	22.17	
32000	0.75	20.47	20.16	22.87	20.93	19.69	19.42	31.76	31.32	
32500	0.76	20.43	20.11	30.17	24.08	19.55	19.87	20.67	30.84	
33000	0.77	20.46	20.09	26.57	31.69	21.76	21.59	18.53	23.25	
33500	0.77	20.45	20.09	19.77	33.40	27.58	24.63	21.47	21.95	
34000	0.77	20.32	20.08	17.81	29.54	42.99	32.89	29.17	22.71	
34500	0.77	20.37	20.08	18.70	31.26	33.06	32.34	20.17	20.75	
35000	0.78	20.43	20.10	22.52	42.93	30.92	26.36	17.84	20.16	
36000	0.80	20.33	19.98	25.47	24.24	27.54	27.06	39.76	28.59	
37000	0.81	20.36	20.03	19.29	19.18	26.04	24.13	18.60	16.85	
38000	0.86	20.27	19.90	19.81	18.63	21.29	20.89	23.71	25.07	
39000	0.95	20.00	19.82	22.72	23.06	16.74	16.31	22.04	27.46	
40000	0.83	20.17	19.78	21.92	27.93	38.08	36.91	16.49	22.44	

⁽¹⁾ Mainline loss includes coupling loss