

Typical Performance Data

FREQUENCY (GHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	ISOLATION (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
3	0.55	17.74	42.36	22.11	23.92	23.73
5	0.50	17.66	43.25	23.70	26.23	26.10
7	0.48	17.61	44.06	24.58	27.59	27.51
10	0.46	17.55	45.21	25.35	28.89	28.91
20	0.43	17.49	46.47	26.48	31.29	31.12
50	0.41	17.45	48.51	27.21	33.72	32.66
100	0.42	17.43	48.46	27.69	34.37	32.12
108	0.42	17.43	48.46	27.78	34.36	31.99
150	0.42	17.43	49.25	28.36	35.30	30.29
200	0.42	17.41	49.10	28.75	35.79	28.91
250	0.43	17.38	49.19	28.55	35.63	27.27
300	0.43	17.36	50.33	28.66	35.27	25.90
350	0.44	17.31	50.54	27.58	33.84	24.75
400	0.44	17.26	50.59	27.82	34.08	23.70
450	0.45	17.21	49.43	28.11	33.18	22.66
500	0.46	17.16	49.61	28.00	33.88	21.83
550	0.45	17.10	47.66	27.45	32.31	21.11
600	0.46	17.06	47.63	26.79	31.73	20.27
684	0.47	16.98	46.83	28.03	32.55	19.80
700	0.47	16.97	46.93	28.46	32.47	19.85
750	0.47	16.91	46.54	28.88	32.25	19.97
800	0.48	16.87	45.93	29.28	33.46	19.66
850	0.49	16.83	46.03	29.36	34.10	19.56
900	0.50	16.78	45.14	30.70	33.66	19.36
950	0.51	16.74	45.34	32.14	34.74	19.38
1000	0.51	16.70	44.22	31.08	33.23	19.46
1050	0.52	16.66	43.45	30.47	34.06	19.45
1100	0.53	16.62	43.05	29.34	32.60	19.41
1150	0.54	16.59	42.24	28.23	31.63	19.33
1218	0.55	16.54	41.05	26.13	30.35	19.18
1225	0.55	16.53	40.84	25.92	29.90	19.17
1300	0.57	16.45	39.99	24.19	29.41	19.39
1400	0.59	16.38	38.06	22.31	26.69	19.44
1500	0.62	16.33	35.53	20.42	24.10	18.87
1600	0.66	16.31	33.86	18.83	22.21	18.08
1700	0.70	16.32	32.13	17.39	21.32	17.14
1800	0.78	16.30	30.41	16.24	20.39	15.87
1900	0.85	16.42	29.03	15.01	19.05	14.80
2000	0.97	16.57	28.20	13.85	18.20	13.41

⁽¹⁾Mainline loss includes coupling loss.