

Typical Performance Data

FREQUENCY (GHz)	INSERTION LOSS ⁽¹⁾ (dB)	COUPLING (dB)	ISOLATION (dB)	RETURN LOSS (dB)		
				IN	OUT	CPL
3	1.08	15.05	42.82	16.65	18.33	18.03
5	0.98	14.94	43.18	18.19	20.58	20.40
7	0.93	14.86	43.81	19.06	21.95	21.86
10	0.88	14.78	44.36	19.83	23.25	23.30
20	0.82	14.70	45.81	20.95	25.50	25.68
50	0.78	14.65	47.35	21.72	27.50	27.66
100	0.77	14.64	47.08	22.08	28.04	28.21
108	0.77	14.64	46.95	22.14	28.07	28.27
150	0.78	14.64	47.84	22.53	28.57	28.27
200	0.77	14.64	47.80	22.80	28.71	28.02
250	0.77	14.64	47.80	22.90	28.64	27.17
300	0.77	14.63	49.02	22.94	28.29	26.11
350	0.77	14.62	48.87	22.56	27.71	25.26
400	0.77	14.61	49.15	22.69	27.52	24.41
450	0.77	14.60	47.48	22.96	27.24	23.68
500	0.78	14.59	47.58	23.01	27.24	23.07
550	0.77	14.58	45.76	22.81	26.24	22.24
600	0.77	14.59	45.23	22.42	26.31	21.41
684	0.77	14.59	43.94	23.31	26.49	21.29
700	0.77	14.60	43.93	23.55	26.54	21.37
750	0.77	14.60	43.35	23.86	26.47	21.53
800	0.77	14.62	42.50	24.17	27.27	21.33
850	0.77	14.64	42.46	24.30	27.48	21.36
900	0.77	14.65	41.72	25.10	27.71	21.23
950	0.77	14.68	41.80	26.20	28.48	21.30
1000	0.77	14.70	40.85	26.30	28.76	21.50
1050	0.76	14.73	40.60	26.61	30.41	21.58
1100	0.76	14.75	40.44	26.95	30.52	21.61
1150	0.77	14.79	40.49	27.05	33.96	21.52
1218	0.76	14.82	39.90	26.52	35.35	21.61
1225	0.76	14.82	39.74	26.41	36.01	21.62
1300	0.76	14.86	40.03	25.59	41.59	21.93
1400	0.77	14.93	39.90	24.53	41.00	22.03
1500	0.77	15.02	38.35	23.27	33.19	21.31
1600	0.78	15.13	37.18	21.76	29.32	20.38
1700	0.78	15.24	35.57	20.52	27.07	19.26
1800	0.82	15.36	33.56	19.39	24.49	17.91
1900	0.83	15.57	31.91	18.07	21.90	16.73
2000	0.90	15.81	30.80	16.73	20.38	15.14

⁽¹⁾Mainline loss includes coupling loss.