

Typical Performance Data

FREQUENCY MHz	AVERAGE INSERTION LOSS ⁽¹⁾ (dB)	INPUT RETURN LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE UNBALANCE ⁽²⁾ (deg.)
2000	0.63	21.43	0.15	1.58
2025	0.63	20.95	0.12	1.78
2050	0.64	20.47	0.11	2.08
2075	0.64	20.13	0.08	2.39
2100	0.65	19.86	0.06	2.72
2125	0.65	19.57	0.04	2.96
2150	0.66	19.28	0.03	3.28
2175	0.66	19.08	0.01	3.54
2200	0.67	18.94	0.00	3.86
2225	0.67	18.84	0.03	4.05
2250	0.67	18.71	0.04	4.38
2275	0.68	18.61	0.06	4.67
2300	0.68	18.53	0.05	5.06
2325	0.69	18.52	0.08	5.25
2350	0.69	18.50	0.09	5.49
2375	0.70	18.46	0.10	5.73
2400	0.70	18.46	0.11	6.06
2425	0.70	18.52	0.12	6.30
2450	0.71	18.61	0.13	6.47
2475	0.71	18.59	0.14	6.67
2500	0.71	18.58	0.13	7.00
2525	0.71	18.72	0.15	7.15
2550	0.72	18.87	0.15	7.34
2575	0.72	18.88	0.16	7.53
2600	0.72	18.90	0.16	7.72
2625	0.72	19.02	0.16	7.90
2650	0.73	19.18	0.16	8.04
2675	0.74	19.24	0.17	8.11
2700	0.74	19.27	0.18	8.19
2725	0.74	19.37	0.17	8.40
2750	0.75	19.48	0.17	8.52
2775	0.75	19.56	0.18	8.60
2800	0.75	19.62	0.20	8.61
2825	0.76	19.59	0.19	8.73
2850	0.76	19.57	0.19	8.86
2875	0.76	19.68	0.18	8.86
2900	0.76	19.75	0.21	8.85
2925	0.77	19.74	0.22	8.95
2950	0.78	19.63	0.21	9.11
2975	0.77	19.69	0.21	9.06
3000	0.78	19.72	0.22	9.10

1. Average Insertion Loss is above 3 dB theoretical referenced to mid-band loss, 0.7 dB. Reference Demo Board TB-419+.

2. Relative to 180°.