

Typical Performance Data

FREQUENCY	AVERAGE INSERTION LOSS	AMPLITUDE UNBALANCE	PHASE UNBALANCE	ISOLATION	INPUT RETURN LOSS	OUTPUT RETURN LOSS	COUPLED RETURN LOSS	ISOLATED RETURN LOSS
(GHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.20	0.023	22.220	0.493	43.094	47.034	43.085	41.264	39.379
0.40	0.035	16.242	0.596	38.073	43.246	41.632	43.454	44.007
0.60	0.045	12.769	0.712	33.993	38.188	39.725	47.945	64.173
0.80	0.057	10.321	0.856	31.069	36.026	37.715	37.108	44.432
1.00	0.066	8.452	0.994	29.439	33.988	34.406	34.400	37.366
1.20	0.077	6.954	1.191	28.304	32.634	32.037	32.677	34.167
1.40	0.084	5.722	1.352	27.188	31.096	29.875	30.089	31.351
1.60	0.091	4.691	1.561	26.672	30.130	28.399	28.735	30.168
1.80	0.096	3.804	1.653	26.777	29.177	27.658	28.263	30.347
2.00	0.099	3.045	1.833	27.349	29.212	28.261	28.513	30.683
2.20	0.099	2.383	1.869	28.498	29.366	29.875	29.880	33.797
2.40	0.102	1.804	2.026	28.302	28.538	31.379	28.150	39.879
2.60	0.108	1.314	2.110	27.521	28.027	34.178	25.485	37.290
2.80	0.107	0.884	2.231	28.405	28.749	37.182	25.884	32.167
3.00	0.104	0.519	2.323	32.298	30.965	39.410	31.043	29.847
3.10	0.108	0.358	2.360	34.782	31.954	38.338	38.769	29.552
3.20	0.110	0.202	2.372	35.575	31.535	36.750	44.565	29.102
3.30	0.113	0.064	2.419	33.131	30.412	35.337	33.527	29.579
3.40	0.118	0.061	2.440	30.870	29.029	33.933	29.376	30.348
3.50	0.124	0.171	2.476	29.634	27.997	33.138	27.344	32.169
3.60	0.128	0.273	2.511	28.805	27.488	32.110	26.434	33.044
3.70	0.129	0.359	2.596	28.741	27.311	32.871	26.001	34.398
3.80	0.131	0.433	2.675	28.909	27.470	32.754	26.493	34.266
3.90	0.133	0.493	2.711	29.838	27.565	33.354	27.236	34.873
4.00	0.135	0.545	2.774	30.450	28.259	33.291	28.288	34.577
4.10	0.136	0.584	2.821	31.638	28.679	33.269	29.952	35.640
4.20	0.140	0.613	2.882	32.073	29.305	32.771	31.385	36.787
4.30	0.144	0.632	2.894	31.337	29.443	31.799	31.247	36.751
4.40	0.150	0.638	2.918	29.766	29.368	30.696	29.159	36.091
4.60	0.168	0.620	2.890	27.106	27.730	27.758	25.859	34.400
4.80	0.186	0.567	2.881	26.606	25.805	26.002	26.462	34.039
5.00	0.200	0.461	3.003	25.955	24.554	24.350	28.873	30.485
5.20	0.220	0.292	3.097	23.779	24.032	22.289	25.091	25.500
5.40	0.255	0.076	2.854	21.188	22.895	20.824	20.535	22.713
5.60	0.297	0.159	2.588	19.934	21.112	19.278	19.384	21.155
5.80	0.341	0.441	2.256	19.337	19.514	18.319	19.456	19.820
6.00	0.388	0.808	1.999	18.447	18.173	17.243	18.046	18.052
6.20	0.464	1.243	1.408	17.092	16.677	16.075	16.122	16.766
6.40	0.557	1.690	0.353	15.898	15.033	14.751	14.633	15.802
6.60	0.666	2.159	0.771	15.075	13.512	13.554	13.768	15.197
6.80	0.794	2.669	2.026	14.449	12.325	12.655	13.347	14.627
7.00	0.924	3.261	3.490	13.828	11.456	11.856	13.019	13.749
7.20	1.036	3.908	5.521	13.229	10.652	11.191	11.975	12.603
7.40	1.192	4.568	7.759	12.485	9.908	10.601	11.138	11.876
7.60	1.340	5.222	10.568	11.917	9.319	10.170	10.829	11.801
7.80	1.438	5.850	13.262	11.559	8.964	9.719	11.195	11.758
8.00	1.501	6.504	16.217	11.301	8.810	9.409	11.553	11.337
8.20	1.533	7.291	19.198	10.925	8.859	9.336	11.186	10.780
8.40	1.596	8.214	22.441	10.524	8.966	9.335	10.871	10.651
8.60	1.615	9.207	26.422	10.194	9.191	9.462	11.125	10.975
8.80	1.592	10.321	30.105	9.937	9.752	9.681	11.769	11.408
9.00	1.542	11.695	34.477	9.775	10.546	10.129	12.182	11.930
9.20	1.473	13.625	40.801	9.696	11.512	10.798	12.603	12.569
9.40	1.401	16.118	52.674	9.747	12.490	11.744	13.296	13.482
9.60	1.314	18.710	76.594	9.955	13.584	12.930	14.848	15.222
9.80	1.240	19.376	64.630	10.345	14.522	14.347	17.610	17.863
10.00	1.166	16.368	34.440	10.843	15.115	16.236	18.650	20.845