

Directional Coupler

DCW-20-722+

Typical Performance Data

FREQUENCY (GHz)	MAINLINE LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	INPUT RETURN LOSS (dB)	OUTPUT RETURN LOSS (dB)	COUPLED RETURN LOSS (dB)	TERMINATED RETURN LOSS (dB)
5.00	0.054	22.238	22.578	42.115	36.527	29.268	29.978
5.05	0.055	22.171	22.356	38.365	35.180	28.684	29.259
5.10	0.056	22.093	22.178	35.231	33.800	27.938	28.376
5.15	0.058	22.022	22.093	33.805	32.660	27.227	27.670
5.20	0.057	21.944	21.957	32.601	31.409	26.647	27.012
5.25	0.060	21.871	21.744	31.688	30.285	26.104	26.368
5.30	0.062	21.796	21.611	30.549	29.469	25.524	25.766
5.35	0.063	21.720	21.370	29.327	28.645	24.997	25.187
5.40	0.064	21.647	21.171	28.237	27.785	24.438	24.675
5.45	0.066	21.574	21.030	27.603	27.028	23.961	24.146
5.50	0.068	21.501	20.851	26.873	26.198	23.546	23.615
5.55	0.069	21.430	20.633	26.404	25.613	23.071	23.133
5.60	0.070	21.360	20.529	25.832	25.025	22.691	22.752
5.65	0.073	21.296	20.246	25.178	24.446	22.279	22.256
5.70	0.076	21.232	20.080	24.630	24.003	21.859	21.836
5.75	0.077	21.169	19.889	24.149	23.541	21.483	21.449
5.80	0.079	21.101	19.704	23.767	23.135	21.185	21.149
5.85	0.082	21.041	19.492	23.285	22.722	20.853	20.783
5.90	0.082	20.977	19.232	23.035	22.283	20.503	20.401
5.95	0.087	20.909	19.144	22.504	21.874	20.319	20.190
6.00	0.090	20.850	18.990	22.144	21.502	19.966	19.837
6.05	0.093	20.791	18.709	21.761	21.150	19.669	19.498
6.10	0.097	20.732	18.606	21.506	20.854	19.431	19.245
6.15	0.099	20.675	18.477	21.276	20.573	19.153	18.979
6.20	0.102	20.618	18.168	20.868	20.254	18.891	18.685
6.25	0.104	20.558	18.074	20.537	19.978	18.717	18.507
6.30	0.108	20.497	17.896	20.217	19.653	18.470	18.265
6.35	0.112	20.445	17.718	19.981	19.406	18.276	18.038
6.40	0.116	20.383	17.637	19.741	19.180	18.116	17.865
6.45	0.119	20.325	17.513	19.638	18.985	17.906	17.663
6.50	0.122	20.270	17.362	19.438	18.788	17.720	17.441
6.55	0.126	20.213	17.249	19.237	18.583	17.567	17.280
6.60	0.127	20.157	17.166	19.053	18.415	17.453	17.165
6.65	0.130	20.103	17.049	18.888	18.200	17.321	17.008
6.70	0.132	20.049	16.909	18.762	18.016	17.155	16.838
6.75	0.135	19.997	16.790	18.680	17.867	17.030	16.695
6.80	0.138	19.940	16.740	18.538	17.710	16.978	16.637
6.85	0.141	19.892	16.579	18.349	17.577	16.843	16.507
6.90	0.143	19.836	16.481	18.261	17.465	16.747	16.392
6.95	0.146	19.785	16.399	18.097	17.318	16.701	16.326
7.00	0.149	19.732	16.341	18.005	17.233	16.611	16.252
7.05	0.151	19.678	16.354	17.951	17.125	16.604	16.225
7.10	0.151	19.623	16.343	17.875	17.044	16.596	16.204
7.15	0.155	19.570	16.271	17.858	16.975	16.532	16.118
7.20	0.158	19.517	16.246	17.779	16.918	16.546	16.100
7.25	0.159	19.462	16.243	17.722	16.826	16.542	16.119
7.30	0.160	19.412	16.247	17.711	16.762	16.569	16.125
7.35	0.160	19.358	16.258	17.698	16.731	16.570	16.096
7.40	0.163	19.307	16.165	17.622	16.652	16.567	16.079
7.45	0.163	19.255	16.254	17.620	16.635	16.706	16.175
7.50	0.163	19.200	16.346	17.710	16.618	16.774	16.234
7.55	0.166	19.151	16.290	17.643	16.521	16.809	16.283
7.60	0.167	19.096	16.342	17.689	16.496	16.927	16.347
7.65	0.167	19.041	16.425	17.754	16.514	17.022	16.414
7.70	0.167	18.990	16.430	17.668	16.516	17.165	16.506
7.75	0.167	18.930	16.557	17.729	16.496	17.355	16.616
7.80	0.165	18.882	16.629	17.777	16.510	17.465	16.724
7.85	0.165	18.828	16.721	17.865	16.488	17.641	16.862
7.90	0.165	18.774	16.889	17.977	16.500	17.847	17.022
7.95	0.164	18.721	17.032	18.075	16.536	18.070	17.189
8.00	0.162	18.669	17.223	18.132	16.589	18.361	17.415
8.05	0.162	18.617	17.299	18.238	16.608	18.601	17.559
8.10	0.160	18.562	17.443	18.333	16.646	18.906	17.744
8.15	0.160	18.508	17.659	18.526	16.686	19.251	18.000
8.20	0.157	18.452	17.919	18.722	16.696	19.627	18.264
8.25	0.154	18.401	18.148	18.742	16.760	19.971	18.499
8.30	0.155	18.351	18.317	18.880	16.787	20.482	18.761
8.35	0.153	18.301	18.586	19.093	16.908	20.970	19.047
8.40	0.150	18.251	18.817	19.217	16.925	21.468	19.376
8.45	0.150	18.197	19.118	19.309	16.939	22.070	19.684
8.50	0.147	18.149	19.421	19.502	17.096	22.629	19.913
8.55	0.143	18.097	19.620	19.597	17.162	23.344	20.234
8.60	0.142	18.047	19.887	19.765	17.122	24.193	20.552
8.65	0.140	17.997	20.109	20.018	17.203	25.001	20.785
8.70	0.138	17.950	20.343	20.108	17.226	25.659	21.054
8.75	0.137	17.902	20.446	20.272	17.231	26.424	21.136
8.80	0.137	17.864	20.611	20.346	17.291	27.300	21.134
8.85	0.135	17.822	20.849	20.471	17.361	28.380	21.387
8.90	0.131	17.777	21.071	20.520	17.394	28.418	21.540
8.95	0.131	17.736	20.992	20.565	17.293	28.593	21.400