

Directional Coupler

RACK-ED10942/1

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	COUPLING (dB)	DIRECTIVITY (dB)	RETURN LOSS		
				IN	(dB) OUT	CPL
0.0	0.00	82.28	2.31	42.12	48.74	28.68
0.1	0.00	83.87	1.99	46.83	49.55	29.49
1.0	0.00	91.00	-1.18	70.64	54.77	30.36
5.0	0.00	84.16	3.36	62.56	52.45	30.45
10.0	0.01	81.13	15.16	62.56	50.55	30.54
50.0	0.01	69.96	20.17	53.63	44.97	30.66
100.0	0.02	64.01	12.08	47.91	40.86	30.85
200.0	0.03	57.10	20.49	46.12	37.59	30.70
400.0	0.04	51.40	20.71	40.75	37.74	29.79
600.0	0.06	48.18	20.98	35.32	41.39	28.70
800.0	0.07	45.99	21.99	31.68	51.66	27.92
1000.0	0.08	44.29	24.77	29.38	49.10	27.17
1100.0	0.08	43.63	25.67	28.93	49.38	26.77
1200.0	0.09	43.04	27.93	28.72	49.93	26.43
1300.0	0.09	42.47	29.84	28.75	42.24	26.17
1400.0	0.10	42.13	30.77	28.58	35.71	25.90
1500.0	0.10	41.69	42.49	28.37	31.21	25.58
1600.0	0.11	41.32	32.13	27.38	27.59	25.27
1700.0	0.11	41.07	26.32	25.91	24.87	24.90
1800.0	0.11	40.90	24.51	24.19	22.73	24.59
1840.0	0.10	40.66	22.70	23.36	22.04	24.41
1845.0	0.11	40.74	23.01	23.30	21.97	24.41
1850.0	0.12	40.74	22.69	23.24	21.91	24.40
1855.0	0.15	40.62	22.15	23.18	21.82	24.41
1860.0	0.16	40.60	21.88	23.11	21.77	24.42
1865.0	0.16	40.64	22.28	23.04	21.68	24.42
1870.0	0.15	40.61	21.85	22.98	21.62	24.41
1900.0	0.15	40.59	20.90	22.51	21.10	24.27
2000.0	0.16	40.40	18.38	20.87	19.87	23.91
2100.0	0.17	40.20	16.66	19.53	19.06	23.60
2200.0	0.20	40.06	15.38	18.49	18.79	23.22
2300.0	0.22	39.88	14.41	17.67	18.96	22.95
2400.0	0.23	39.83	13.29	17.10	19.54	22.57
2500.0	0.24	39.75	12.70	16.70	20.63	22.23
2600.0	0.24	39.63	12.04	16.38	22.14	21.86
2700.0	0.23	39.68	11.55	16.40	24.08	21.46
2800.0	0.20	39.66	10.84	16.49	25.49	21.09
2900.0	0.18	39.62	9.88	16.55	25.00	20.70
3000.0	0.15	39.48	9.18	16.52	22.82	20.39
3100.0	0.14	39.47	8.06	16.20	20.65	20.09
3200.0	0.12	39.29	7.47	15.60	18.82	19.83