

# 2 Way-0° Power Splitter/Combiner

# CDP-2-122-75+

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
5.0	3.41	3.16	0.25	25.89	0.86	5.0	1.05	1.24	1.17
6.0	3.39	3.15	0.24	26.77	0.75	6.0	1.05	1.22	1.15
10.0	3.36	3.14	0.22	29.14	0.49	10.0	1.03	1.18	1.12
20.0	3.34	3.14	0.20	31.49	0.26	20.0	1.02	1.15	1.10
30.0	3.34	3.15	0.19	32.06	0.14	30.0	1.02	1.14	1.09
40.0	3.35	3.16	0.19	32.02	0.06	40.0	1.02	1.14	1.09
50.0	3.36	3.17	0.19	31.82	0.01	50.0	1.02	1.13	1.09
60.0	3.36	3.17	0.19	31.56	0.04	60.0	1.02	1.13	1.09
70.0	3.37	3.18	0.19	31.31	0.07	70.0	1.02	1.13	1.09
80.0	3.38	3.18	0.19	31.07	0.09	80.0	1.02	1.13	1.09
90.0	3.38	3.19	0.20	30.85	0.11	90.0	1.02	1.13	1.09
100.0	3.39	3.19	0.20	30.64	0.14	100.0	1.02	1.13	1.09
200.0	3.45	3.24	0.21	29.20	0.27	200.0	1.03	1.11	1.09
300.0	3.50	3.29	0.21	28.24	0.35	300.0	1.05	1.09	1.10
400.0	3.55	3.34	0.21	27.35	0.40	400.0	1.06	1.07	1.10
500.0	3.62	3.41	0.21	26.64	0.43	500.0	1.07	1.05	1.11
600.0	3.68	3.47	0.22	25.55	0.41	600.0	1.07	1.04	1.12
700.0	3.75	3.53	0.22	24.90	0.35	700.0	1.07	1.06	1.13
800.0	3.83	3.61	0.22	24.31	0.26	800.0	1.07	1.10	1.15
870.0	3.90	3.68	0.23	23.93	0.15	870.0	1.06	1.13	1.16
900.0	3.93	3.71	0.22	23.80	0.08	900.0	1.06	1.14	1.16
950.0	3.99	3.76	0.23	23.64	0.02	950.0	1.06	1.17	1.17
1002.0	4.05	3.81	0.24	23.51	0.16	1002.0	1.06	1.19	1.19
1050.0	4.11	3.87	0.24	23.46	0.30	1050.0	1.06	1.21	1.20
1100.0	4.18	3.93	0.25	23.45	0.44	1100.0	1.07	1.23	1.21
1150.0	4.25	4.00	0.26	23.50	0.63	1150.0	1.08	1.25	1.22
1200.0	4.34	4.06	0.27	23.56	0.84	1200.0	1.09	1.28	1.23

<sup>1</sup>Total Loss = Insertion Loss + 3dB Splitter Loss

