

# 2 Way-0° Power Splitter/Combiner

# LRPS-2-11A+

## Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
20.0	3.54	3.54	0.00	19.18	0.01	20.0	1.99	1.58	1.58
40.0	3.55	3.55	0.00	19.19	0.05	40.0	1.99	1.58	1.58
60.0	3.56	3.56	0.00	19.23	0.09	60.0	1.98	1.59	1.58
80.0	3.57	3.56	0.00	19.28	0.14	80.0	1.97	1.59	1.59
100.0	3.57	3.57	0.00	19.32	0.17	100.0	1.97	1.59	1.59
120.0	3.58	3.57	0.00	19.36	0.19	120.0	1.97	1.59	1.59
140.0	3.58	3.58	0.01	19.39	0.23	140.0	1.96	1.59	1.59
160.0	3.59	3.58	0.01	19.42	0.28	160.0	1.96	1.59	1.59
180.0	3.59	3.59	0.01	19.45	0.30	180.0	1.96	1.59	1.59
200.0	3.59	3.59	0.01	19.49	0.35	200.0	1.95	1.59	1.59
400.0	3.62	3.60	0.02	19.96	0.62	400.0	1.92	1.58	1.58
600.0	3.62	3.59	0.03	20.49	0.94	600.0	1.87	1.57	1.56
800.0	3.63	3.56	0.07	21.25	1.00	800.0	1.81	1.54	1.53
900.0	3.63	3.54	0.09	21.81	1.29	900.0	1.76	1.52	1.51
1000.0	3.60	3.51	0.09	22.43	1.52	1000.0	1.72	1.50	1.50
1100.0	3.60	3.49	0.10	23.16	1.30	1100.0	1.67	1.49	1.48
1200.0	3.61	3.48	0.12	23.85	1.28	1200.0	1.62	1.47	1.46
1300.0	3.61	3.46	0.15	24.44	1.29	1300.0	1.57	1.45	1.44
1400.0	3.63	3.46	0.17	24.72	1.01	1400.0	1.51	1.43	1.43
1500.0	3.64	3.45	0.19	24.59	1.10	1500.0	1.46	1.41	1.41
1600.0	3.65	3.44	0.21	23.88	1.04	1600.0	1.42	1.38	1.40
1700.0	3.68	3.44	0.24	22.76	0.92	1700.0	1.38	1.36	1.39
1800.0	3.71	3.46	0.25	21.43	0.76	1800.0	1.36	1.34	1.38
1900.0	3.76	3.49	0.27	20.06	0.54	1900.0	1.37	1.32	1.37
2000.0	3.84	3.53	0.30	18.74	0.23	2000.0	1.41	1.31	1.37

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

