

2 Way-0° Power Splitter/Combiner

LRPS-ED12965/2

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
5.0	3.15	3.39	0.24	18.51	1.95	5.0	1.13	1.39	1.52
9.0	3.19	3.40	0.21	21.72	1.14	9.0	1.08	1.26	1.34
10.0	3.19	3.40	0.21	22.14	1.06	10.0	1.08	1.25	1.33
20.0	3.19	3.37	0.18	24.29	0.66	20.0	1.05	1.19	1.25
30.0	3.19	3.36	0.16	25.35	0.51	30.0	1.05	1.17	1.22
40.0	3.19	3.34	0.15	26.06	0.42	40.0	1.04	1.15	1.20
50.0	3.19	3.34	0.14	26.50	0.33	50.0	1.04	1.14	1.19
60.0	3.20	3.33	0.14	26.81	0.26	60.0	1.04	1.13	1.18
70.0	3.20	3.33	0.13	27.01	0.21	70.0	1.04	1.13	1.17
80.0	3.20	3.33	0.13	27.16	0.16	80.0	1.03	1.12	1.17
90.0	3.21	3.34	0.13	27.20	0.12	90.0	1.03	1.12	1.16
100.0	3.22	3.34	0.12	27.25	0.08	100.0	1.03	1.12	1.16
120.0	3.23	3.34	0.12	27.13	0.02	120.0	1.03	1.11	1.15
140.0	3.24	3.35	0.11	26.95	0.05	140.0	1.03	1.11	1.15
160.0	3.25	3.36	0.10	26.77	0.11	160.0	1.03	1.10	1.14
180.0	3.27	3.36	0.10	26.57	0.14	180.0	1.03	1.10	1.14
200.0	3.28	3.37	0.09	26.34	0.19	200.0	1.03	1.10	1.13
220.0	3.30	3.38	0.09	26.10	0.22	220.0	1.03	1.09	1.13
240.0	3.31	3.39	0.08	25.92	0.26	240.0	1.03	1.09	1.13
260.0	3.33	3.40	0.07	25.75	0.28	260.0	1.03	1.09	1.12
280.0	3.35	3.41	0.06	25.60	0.33	280.0	1.02	1.08	1.12
300.0	3.36	3.41	0.05	25.48	0.36	300.0	1.01	1.08	1.11
320.0	3.38	3.42	0.04	25.41	0.38	320.0	1.01	1.08	1.11
340.0	3.40	3.43	0.03	25.37	0.40	340.0	1.01	1.07	1.11
360.0	3.42	3.44	0.02	25.36	0.40	360.0	1.01	1.07	1.10
380.0	3.44	3.45	0.01	25.37	0.41	380.0	1.02	1.07	1.10
400.0	3.47	3.47	0.00	25.41	0.41	400.0	1.04	1.07	1.10
500.0	3.64	3.57	0.07	26.15	0.37	500.0	1.13	1.12	1.11
550.0	3.75	3.64	0.11	26.04	0.29	550.0	1.20	1.17	1.15
600.0	3.90	3.74	0.16	24.85	0.15	600.0	1.31	1.23	1.20
650.0	4.12	3.91	0.21	22.63	0.02	650.0	1.45	1.33	1.28
700.0	4.45	4.18	0.28	19.94	0.28	700.0	1.64	1.44	1.38
720.0	4.63	4.32	0.30	18.85	0.39	720.0	1.74	1.50	1.43
740.0	4.83	4.49	0.33	17.81	0.50	740.0	1.85	1.56	1.49
760.0	5.05	4.69	0.37	16.79	0.66	760.0	1.97	1.62	1.54
780.0	5.32	4.91	0.40	15.84	0.81	780.0	2.10	1.69	1.61
800.0	5.62	5.18	0.44	14.94	0.98	800.0	2.26	1.77	1.67

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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