

2 Way-0° Power Splitter/Combiner

RPSC-ED13633

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
35.0	3.00	3.80	0.80	9.57	54.94	35.0	1.44	1.22	1.89
40.0	3.16	3.59	0.42	10.88	50.28	40.0	1.43	1.17	1.60
45.0	3.23	3.46	0.23	12.56	46.98	45.0	1.39	1.12	1.43
50.0	3.24	3.38	0.13	14.70	44.84	50.0	1.32	1.08	1.33
52.0	3.24	3.35	0.11	15.74	44.25	52.0	1.29	1.06	1.30
54.0	3.24	3.33	0.09	16.93	43.79	54.0	1.25	1.04	1.27
56.0	3.24	3.31	0.07	18.29	43.44	56.0	1.22	1.03	1.25
58.0	3.23	3.29	0.06	19.92	43.21	58.0	1.19	1.02	1.23
60.0	3.23	3.28	0.04	21.88	43.05	60.0	1.16	1.02	1.22
61.0	3.23	3.27	0.04	23.04	43.01	61.0	1.14	1.03	1.21
62.0	3.24	3.27	0.03	24.33	42.99	62.0	1.13	1.03	1.20
63.0	3.24	3.26	0.02	25.79	42.98	63.0	1.12	1.03	1.19
63.9	3.24	3.26	0.02	27.14	42.99	63.9	1.11	1.04	1.19
65.0	3.25	3.26	0.01	29.02	43.03	65.0	1.11	1.04	1.18
66.0	3.25	3.25	0.00	30.41	43.07	66.0	1.11	1.05	1.18
67.0	3.26	3.25	0.01	30.88	43.13	67.0	1.12	1.05	1.17
68.0	3.27	3.25	0.02	30.18	43.20	68.0	1.13	1.06	1.16
69.0	3.28	3.25	0.03	28.69	43.29	69.0	1.14	1.06	1.16
70.0	3.29	3.26	0.04	27.01	43.39	70.0	1.16	1.06	1.15
72.0	3.32	3.26	0.06	23.98	43.63	72.0	1.20	1.07	1.15
74.0	3.36	3.27	0.08	21.54	43.91	74.0	1.25	1.08	1.14
76.0	3.40	3.29	0.11	19.57	44.23	76.0	1.31	1.08	1.13
78.0	3.45	3.31	0.14	17.94	44.58	78.0	1.37	1.08	1.13
80.0	3.51	3.34	0.17	16.56	44.97	80.0	1.44	1.08	1.13
85.0	3.70	3.44	0.26	13.84	46.02	85.0	1.65	1.07	1.16
90.0	3.95	3.58	0.37	11.80	47.21	90.0	1.90	1.07	1.20
95.0	4.26	3.77	0.49	10.22	48.48	95.0	2.20	1.09	1.27

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

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