

2 Way-0° Power Splitter/Combiner

RPSC-ED13768

Typical Performance Data

FREQUENCY	TOTAL LOSS ¹		AMPLITUDE UNBALANCE	ISOLATION	PHASE UNBALANCE	FREQUENCY	VSWR		
(MHz)	(dB)		(dB)	(dB)	(Deg)	(MHz)	(:1)		
	S-1	S-2		1-2			S	1	2
32.0	3.20	3.54	0.34	9.24	65.08	32.0	1.36	1.50	1.80
34.0	3.31	3.43	0.12	9.75	62.74	34.0	1.37	1.49	1.63
36.0	3.38	3.35	0.03	10.34	60.71	36.0	1.37	1.47	1.49
38.0	3.42	3.29	0.13	11.01	59.00	38.0	1.36	1.44	1.38
40.0	3.44	3.25	0.18	11.76	57.60	40.0	1.35	1.41	1.28
42.0	3.43	3.23	0.20	12.60	56.54	42.0	1.33	1.38	1.21
44.0	3.42	3.22	0.20	13.53	55.78	44.0	1.30	1.34	1.15
46.0	3.40	3.21	0.19	14.58	55.29	46.0	1.27	1.30	1.09
48.0	3.37	3.21	0.16	15.78	55.07	48.0	1.24	1.26	1.05
50.0	3.34	3.21	0.13	17.16	55.08	50.0	1.21	1.22	1.02
52.0	3.32	3.22	0.10	18.80	55.32	52.0	1.18	1.18	1.02
54.0	3.29	3.22	0.07	20.78	55.73	54.0	1.15	1.14	1.04
56.0	3.28	3.23	0.04	23.31	56.33	56.0	1.11	1.10	1.07
58.0	3.26	3.24	0.03	26.68	57.07	58.0	1.08	1.07	1.09
60.0	3.26	3.24	0.02	31.10	57.97	60.0	1.06	1.03	1.11
62.0	3.26	3.25	0.02	32.74	58.96	62.0	1.05	1.01	1.12
63.9	3.28	3.25	0.03	28.85	59.98	63.9	1.06	1.04	1.14
64.0	3.28	3.25	0.03	28.54	60.06	64.0	1.07	1.04	1.14
66.0	3.30	3.25	0.05	24.75	61.27	66.0	1.09	1.07	1.15
68.0	3.33	3.25	0.09	21.98	62.53	68.0	1.13	1.11	1.16
70.0	3.38	3.25	0.13	19.84	63.86	70.0	1.17	1.15	1.18
72.0	3.43	3.24	0.19	18.13	65.24	72.0	1.21	1.19	1.19
74.0	3.50	3.23	0.27	16.71	66.65	74.0	1.25	1.23	1.20
76.0	3.58	3.23	0.35	15.51	68.10	76.0	1.30	1.27	1.22
78.0	3.67	3.22	0.45	14.47	69.56	78.0	1.36	1.31	1.23
80.0	3.77	3.21	0.56	13.55	71.03	80.0	1.42	1.35	1.25
82.0	3.89	3.20	0.68	12.75	72.49	82.0	1.49	1.40	1.28
84.0	4.02	3.20	0.82	12.03	73.95	84.0	1.56	1.46	1.31
86.0	4.17	3.21	0.96	11.38	75.39	86.0	1.64	1.51	1.34
88.0	4.33	3.22	1.11	10.81	76.80	88.0	1.74	1.58	1.38
90.0	4.51	3.23	1.27	10.30	78.18	90.0	1.84	1.65	1.42

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

REV. X2
 RPSC-ED13768
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 Page 1 of 1