

2 Way-0° Power Splitter/Combiner

SCPA-ED13008/1

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
15.0	3.54	3.54	0.00	18.18	0.03	15.0	1.31	1.79	1.79
20.0	3.49	3.49	0.01	22.70	0.04	20.0	1.24	1.53	1.53
25.0	3.46	3.46	0.01	26.10	0.03	25.0	1.21	1.42	1.43
30.0	3.44	3.45	0.01	27.51	0.03	30.0	1.18	1.38	1.38
35.0	3.43	3.44	0.01	28.13	0.02	35.0	1.17	1.35	1.36
40.0	3.42	3.43	0.01	28.40	0.02	40.0	1.16	1.34	1.34
45.0	3.42	3.42	0.00	28.59	0.03	45.0	1.15	1.32	1.32
50.0	3.41	3.41	0.00	28.77	0.04	50.0	1.15	1.31	1.31
55.0	3.41	3.41	0.01	28.96	0.04	55.0	1.15	1.30	1.30
60.0	3.40	3.41	0.01	29.09	0.05	60.0	1.14	1.29	1.29
70.0	3.39	3.40	0.01	29.34	0.05	70.0	1.14	1.27	1.27
80.0	3.39	3.40	0.01	29.36	0.05	80.0	1.14	1.25	1.25
90.0	3.39	3.39	0.01	29.12	0.05	90.0	1.14	1.24	1.24
100.0	3.39	3.39	0.00	28.67	0.05	100.0	1.14	1.22	1.22
150.0	3.38	3.39	0.00	25.82	0.09	150.0	1.15	1.16	1.16
200.0	3.40	3.39	0.01	23.86	0.07	200.0	1.15	1.11	1.11
250.0	3.41	3.40	0.02	22.81	0.08	250.0	1.13	1.07	1.07
300.0	3.43	3.41	0.02	22.45	0.10	300.0	1.11	1.04	1.03
350.0	3.46	3.43	0.03	23.01	0.09	350.0	1.08	1.07	1.06
400.0	3.50	3.46	0.04	24.67	0.07	400.0	1.07	1.12	1.11
410.0	3.51	3.47	0.04	25.19	0.06	410.0	1.08	1.13	1.12
420.0	3.52	3.48	0.04	25.80	0.06	420.0	1.09	1.14	1.14
430.0	3.53	3.49	0.04	26.49	0.06	430.0	1.10	1.16	1.15
440.0	3.54	3.50	0.04	27.26	0.06	440.0	1.12	1.17	1.17
450.0	3.55	3.51	0.05	28.13	0.05	450.0	1.14	1.18	1.18
460.0	3.57	3.52	0.05	29.00	0.03	460.0	1.16	1.20	1.19
470.0	3.59	3.54	0.05	29.78	0.02	470.0	1.18	1.21	1.21
480.0	3.60	3.55	0.05	30.31	0.03	480.0	1.21	1.22	1.22
490.0	3.62	3.57	0.05	30.32	0.03	490.0	1.23	1.24	1.24
500.0	3.65	3.59	0.05	29.78	0.02	500.0	1.26	1.25	1.25
600.0	4.07	4.00	0.07	17.98	0.06	600.0	1.76	1.39	1.39

¹Total Loss = Insertion Loss + 3dB Splitter Loss



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS

REV. X2
 SCPA-ED13008/1
 9/13/2010
 Page 1 of 1