

2 Way-90° Power Splitter/Combiner

ZAPDQ-ED13209/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBAL (Deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
10.00	3.78	3.00	0.79	32.08	86.95	10.00	1.08	1.07	1.05
10.50	3.69	3.13	0.57	31.54	86.78	10.50	1.08	1.07	1.05
11.00	3.63	3.24	0.38	30.96	86.64	11.00	1.08	1.07	1.05
11.50	3.59	3.34	0.24	30.34	86.54	11.50	1.08	1.08	1.05
12.00	3.57	3.43	0.14	29.73	86.48	12.00	1.08	1.08	1.05
12.50	3.57	3.50	0.07	29.07	86.48	12.50	1.08	1.08	1.05
13.00	3.59	3.55	0.04	28.44	86.53	13.00	1.08	1.08	1.05
13.16	3.61	3.57	0.04	28.25	86.56	13.16	1.08	1.08	1.05
13.26	3.62	3.57	0.04	28.11	86.58	13.26	1.08	1.08	1.05
13.36	3.63	3.58	0.04	27.99	86.61	13.36	1.08	1.08	1.05
13.46	3.64	3.59	0.05	27.84	86.63	13.46	1.08	1.08	1.05
13.56	3.65	3.60	0.05	27.72	86.67	13.56	1.08	1.08	1.05
13.66	3.66	3.60	0.06	27.59	86.71	13.66	1.08	1.08	1.05
13.76	3.68	3.61	0.07	27.45	86.75	13.76	1.08	1.08	1.05
13.86	3.69	3.61	0.08	27.32	86.79	13.86	1.08	1.08	1.05
13.96	3.71	3.62	0.09	27.18	86.84	13.96	1.08	1.08	1.05
14.00	3.72	3.62	0.09	27.12	86.86	14.00	1.07	1.08	1.04
14.50	3.81	3.64	0.18	26.39	87.16	14.50	1.07	1.08	1.04
15.00	3.94	3.64	0.30	25.59	87.57	15.00	1.06	1.08	1.03
15.50	4.10	3.63	0.47	24.72	88.11	15.50	1.05	1.08	1.02
16.00	4.29	3.62	0.67	23.75	88.79	16.00	1.05	1.08	1.02

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
ZAPDQ-ED13209/1
9/15/2010
Page 1 of 1