

2 Way-0° Resistive Power Splitter/Combiner ZARPD-ED13438/1

Typical Performance Data

FREQ.	TOTAL LOSS ¹		AMP. UNBAL.	ISOLATION	PHASE UNBAL.	FREQ.	VSWR		
(MHz)	(dB)		(dB)	(dB)	(Deg.)	(MHz)	(:1)		
	S-1	S-2		1-2			S	1	2
0.3	5.99	5.98	0.01	5.98	0.01	0.3	1.01	1.01	1.01
0.5	5.99	5.99	0.01	5.99	0.02	0.5	1.01	1.01	1.01
0.6	5.99	5.99	0.01	5.99	0.03	0.6	1.01	1.01	1.01
0.8	6.00	5.99	0.00	5.99	0.01	0.8	1.01	1.01	1.01
1.0	6.00	5.99	0.00	6.00	0.02	1.0	1.01	1.01	1.01
2.0	6.00	6.00	0.00	6.00	0.01	2.0	1.01	1.01	1.01
4.0	6.00	6.00	0.00	6.00	0.00	4.0	1.01	1.01	1.01
6.0	6.00	6.00	0.00	6.00	0.00	6.0	1.01	1.01	1.01
8.0	6.00	6.00	0.00	6.00	0.00	8.0	1.01	1.01	1.01
10.0	6.00	6.00	0.00	6.00	0.02	10.0	1.01	1.01	1.01
20.0	6.00	6.00	0.00	6.00	0.02	20.0	1.01	1.01	1.01
40.0	6.00	6.00	0.00	6.01	0.02	40.0	1.01	1.01	1.01
60.0	6.01	6.01	0.00	6.01	0.03	60.0	1.01	1.02	1.02
80.0	6.01	6.01	0.00	6.01	0.04	80.0	1.02	1.02	1.02
100.0	6.02	6.02	0.00	6.01	0.06	100.0	1.02	1.03	1.03
200.0	6.05	6.05	0.00	6.04	0.14	200.0	1.04	1.06	1.05
300.0	6.07	6.07	0.00	6.06	0.20	300.0	1.07	1.08	1.08
400.0	6.13	6.13	0.00	6.10	0.26	400.0	1.08	1.11	1.12
500.0	6.18	6.18	0.00	6.15	0.32	500.0	1.10	1.14	1.14
600.0	6.24	6.24	0.00	6.21	0.42	600.0	1.11	1.16	1.16
700.0	6.32	6.32	0.00	6.28	0.47	700.0	1.11	1.18	1.17
800.0	6.45	6.45	0.01	6.41	0.57	800.0	1.11	1.18	1.17
900.0	6.53	6.53	0.00	6.45	0.65	900.0	1.07	1.14	1.14
1000.0	6.45	6.46	0.01	6.36	0.65	1000.0	1.04	1.12	1.12
1100.0	6.40	6.41	0.01	6.31	0.78	1100.0	1.02	1.11	1.12
1200.0	6.38	6.40	0.01	6.29	0.84	1200.0	1.01	1.11	1.12
1300.0	6.38	6.40	0.02	6.28	0.95	1300.0	1.00	1.10	1.12
1400.0	6.38	6.40	0.02	6.25	1.03	1400.0	1.02	1.10	1.11
1500.0	6.38	6.41	0.03	6.21	1.11	1500.0	1.03	1.11	1.10
1600.0	6.36	6.40	0.04	6.16	1.18	1600.0	1.05	1.11	1.10
1700.0	6.34	6.39	0.04	6.11	1.22	1700.0	1.07	1.11	1.10
1800.0	6.32	6.37	0.05	6.04	1.28	1800.0	1.09	1.11	1.10
1900.0	6.29	6.34	0.05	5.98	1.30	1900.0	1.10	1.10	1.10
2000.0	6.27	6.32	0.05	5.94	1.32	2000.0	1.12	1.09	1.11
2200.0	6.27	6.31	0.04	5.90	1.44	2200.0	1.17	1.15	1.17
2400.0	6.36	6.42	0.06	5.99	1.63	2400.0	1.26	1.29	1.30
2600.0	6.54	6.65	0.11	6.20	1.68	2600.0	1.39	1.45	1.44
2800.0	6.75	6.85	0.10	6.55	1.18	2800.0	1.50	1.57	1.60
3000.0	6.98	7.01	0.03	6.77	1.41	3000.0	1.58	1.71	1.77

¹Total Loss = Insertion Loss + 6dB Splitter Loss



REV. X2

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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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