

2 Way-0° Power Splitter/Combiner

ZAPD-4-13

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
2000.0	3.29	3.28	0.01	21.06	0.12	2000.0	1.33	1.10	1.10
2055.0	3.32	3.32	0.00	21.81	0.06	2055.0	1.32	1.11	1.11
2110.0	3.27	3.27	0.00	22.62	0.04	2110.0	1.30	1.12	1.11
2165.0	3.36	3.36	0.00	23.52	0.02	2165.0	1.28	1.12	1.12
2220.0	3.27	3.28	0.01	24.38	0.12	2220.0	1.27	1.12	1.12
2275.0	3.28	3.28	0.01	25.26	0.06	2275.0	1.26	1.12	1.13
2330.0	3.36	3.36	0.00	26.33	0.05	2330.0	1.26	1.13	1.15
2385.0	3.26	3.26	0.01	27.29	0.06	2385.0	1.25	1.14	1.16
2440.0	3.30	3.28	0.01	28.41	0.06	2440.0	1.24	1.15	1.17
2495.0	3.33	3.33	0.01	29.75	0.04	2495.0	1.23	1.15	1.18
2550.0	3.21	3.22	0.01	30.80	0.03	2550.0	1.23	1.16	1.19
2605.0	3.39	3.39	0.01	32.24	0.04	2605.0	1.23	1.16	1.20
2660.0	3.10	3.10	0.01	33.31	0.13	2660.0	1.22	1.16	1.20
2715.0	3.26	3.26	0.00	34.52	0.07	2715.0	1.22	1.15	1.20
2770.0	3.27	3.27	0.00	35.51	0.06	2770.0	1.22	1.16	1.21
2825.0	3.21	3.21	0.00	35.60	0.03	2825.0	1.23	1.18	1.23
2880.0	3.27	3.27	0.01	35.28	0.11	2880.0	1.24	1.19	1.25
2935.0	3.27	3.26	0.01	34.49	0.00	2935.0	1.24	1.20	1.26
2990.0	3.20	3.19	0.01	33.35	0.10	2990.0	1.24	1.21	1.27
3045.0	3.32	3.31	0.01	32.42	0.10	3045.0	1.24	1.22	1.28
3100.0	3.19	3.19	0.01	31.23	0.05	3100.0	1.23	1.20	1.27
3155.0	3.25	3.26	0.01	30.39	0.23	3155.0	1.23	1.19	1.27
3210.0	3.27	3.25	0.02	29.51	0.01	3210.0	1.24	1.20	1.27
3265.0	3.25	3.25	0.00	28.85	0.12	3265.0	1.24	1.21	1.27
3320.0	3.30	3.28	0.02	28.17	0.13	3320.0	1.25	1.22	1.28
3375.0	3.32	3.31	0.01	27.66	0.05	3375.0	1.24	1.22	1.29
3430.0	3.26	3.23	0.03	27.09	0.18	3430.0	1.24	1.23	1.29
3485.0	3.41	3.38	0.03	26.78	0.20	3485.0	1.22	1.23	1.28
3540.0	3.25	3.23	0.02	26.28	0.06	3540.0	1.20	1.21	1.26
3595.0	3.37	3.35	0.02	26.11	0.27	3595.0	1.18	1.18	1.25
3650.0	3.30	3.25	0.05	25.81	0.11	3650.0	1.17	1.17	1.23
3705.0	3.29	3.26	0.02	25.63	0.14	3705.0	1.17	1.16	1.21
3760.0	3.31	3.28	0.02	25.49	0.06	3760.0	1.16	1.15	1.20
3815.0	3.16	3.13	0.03	25.40	0.18	3815.0	1.15	1.15	1.19
3870.0	3.26	3.23	0.03	25.39	0.02	3870.0	1.13	1.15	1.20
3925.0	3.18	3.15	0.03	25.48	0.25	3925.0	1.12	1.15	1.19
3980.0	3.27	3.24	0.04	25.51	0.02	3980.0	1.10	1.13	1.17
4035.0	3.22	3.21	0.01	25.69	0.04	4035.0	1.09	1.12	1.16
4090.0	3.16	3.12	0.03	25.74	0.04	4090.0	1.09	1.10	1.15
4145.0	3.21	3.17	0.03	25.92	0.06	4145.0	1.10	1.09	1.14
4200.0	3.27	3.24	0.04	25.99	0.02	4200.0	1.10	1.08	1.13

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
ZAPD-4-13
6/29/2010
Page 1 of 1