

2 Way-0° Power Splitter/Combiner

ZASC-ED8005/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
1.0	3.41	3.41	0.00	24.70	0.03	1.0	1.12	1.29	1.29
5.0	3.26	3.26	0.00	31.08	0.01	5.0	1.05	1.14	1.14
23.8	3.26	3.26	0.00	32.61	0.05	23.8	1.02	1.11	1.11
42.5	3.28	3.28	0.00	31.82	0.05	42.5	1.02	1.11	1.11
61.3	3.30	3.30	0.00	31.03	0.07	61.3	1.02	1.11	1.11
80.0	3.30	3.31	0.01	30.24	0.09	80.0	1.02	1.10	1.10
95.0	3.32	3.32	0.00	29.63	0.12	95.0	1.01	1.10	1.10
97.5	3.33	3.33	0.00	29.54	0.18	97.5	1.01	1.10	1.10
100.0	3.33	3.33	0.01	29.44	0.14	100.0	1.01	1.10	1.10
102.5	3.33	3.34	0.01	29.35	0.14	102.5	1.01	1.10	1.10
105.0	3.34	3.34	0.00	29.25	0.17	105.0	1.01	1.10	1.10
110.0	3.33	3.34	0.01	29.07	0.18	110.0	1.01	1.10	1.10
120.0	3.34	3.34	0.00	28.74	0.19	120.0	1.01	1.10	1.10
130.0	3.35	3.35	0.00	28.42	0.18	130.0	1.01	1.10	1.10
140.0	3.37	3.37	0.00	28.10	0.21	140.0	1.01	1.10	1.10
150.0	3.37	3.37	0.00	27.81	0.25	150.0	1.01	1.09	1.10
160.0	3.38	3.38	0.00	27.52	0.25	160.0	1.01	1.09	1.10
170.0	3.38	3.38	0.00	27.25	0.27	170.0	1.02	1.09	1.09
180.0	3.38	3.38	0.00	26.97	0.30	180.0	1.02	1.09	1.09
190.0	3.39	3.40	0.00	26.74	0.30	190.0	1.02	1.09	1.09
200.0	3.41	3.41	0.00	26.52	0.31	200.0	1.02	1.09	1.09
250.0	3.49	3.48	0.00	25.70	0.39	250.0	1.03	1.08	1.09
300.0	3.45	3.45	0.00	25.10	0.46	300.0	1.06	1.09	1.09
350.0	3.56	3.55	0.00	24.98	0.56	350.0	1.09	1.10	1.11
400.0	3.53	3.53	0.00	25.11	0.64	400.0	1.13	1.13	1.13
450.0	3.60	3.59	0.01	25.75	0.73	450.0	1.18	1.17	1.17
500.0	3.76	3.75	0.01	27.02	0.80	500.0	1.23	1.22	1.22

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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