

2 Way-0° Power Splitter/Combiner

ZA2CS-ED4391/2

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
10.0	3.72	3.71	0.02	10.14	0.03	10.0	2.03	3.78	3.78
20.0	3.30	3.29	0.02	12.14	0.03	20.0	1.46	2.46	2.46
30.0	3.22	3.21	0.02	14.50	0.00	30.0	1.30	1.95	1.95
40.0	3.20	3.19	0.02	16.70	0.01	40.0	1.24	1.70	1.69
50.0	3.20	3.18	0.02	18.73	0.02	50.0	1.20	1.54	1.54
60.0	3.20	3.18	0.02	20.60	0.02	60.0	1.18	1.45	1.45
70.0	3.20	3.18	0.02	22.36	0.03	70.0	1.16	1.38	1.38
80.0	3.20	3.18	0.02	24.02	0.04	80.0	1.15	1.33	1.33
90.0	3.20	3.19	0.02	25.64	0.03	90.0	1.15	1.29	1.29
100.0	3.21	3.19	0.02	27.36	0.03	100.0	1.14	1.27	1.26
125.0	3.23	3.21	0.01	32.12	0.05	125.0	1.14	1.21	1.21
150.0	3.24	3.22	0.01	37.53	0.05	150.0	1.14	1.18	1.18
175.0	3.25	3.24	0.01	39.41	0.07	175.0	1.14	1.15	1.15
200.0	3.26	3.25	0.01	35.63	0.08	200.0	1.14	1.13	1.13
225.0	3.27	3.27	0.00	32.42	0.09	225.0	1.14	1.11	1.11
250.0	3.28	3.28	0.00	30.11	0.10	250.0	1.15	1.10	1.09
275.0	3.29	3.30	0.01	28.43	0.10	275.0	1.15	1.08	1.08
300.0	3.30	3.31	0.01	27.12	0.11	300.0	1.16	1.07	1.07
325.0	3.31	3.33	0.02	26.01	0.13	325.0	1.17	1.05	1.05
350.0	3.32	3.34	0.03	25.07	0.14	350.0	1.17	1.04	1.04
375.0	3.33	3.36	0.03	24.24	0.15	375.0	1.18	1.03	1.03
400.0	3.34	3.38	0.04	23.53	0.16	400.0	1.18	1.02	1.03
425.0	3.35	3.40	0.05	22.92	0.17	425.0	1.19	1.02	1.03
450.0	3.37	3.42	0.06	22.39	0.19	450.0	1.19	1.02	1.04
475.0	3.38	3.45	0.07	21.93	0.20	475.0	1.20	1.03	1.04
500.0	3.40	3.48	0.08	21.54	0.21	500.0	1.20	1.04	1.05
525.0	3.41	3.51	0.09	21.22	0.22	525.0	1.20	1.05	1.07
550.0	3.43	3.54	0.10	20.98	0.24	550.0	1.20	1.06	1.08
575.0	3.45	3.57	0.12	20.79	0.26	575.0	1.20	1.08	1.09
600.0	3.48	3.61	0.14	20.71	0.28	600.0	1.19	1.09	1.10
620.0	3.50	3.65	0.15	20.72	0.30	620.0	1.18	1.10	1.11
640.0	3.52	3.69	0.16	20.80	0.33	640.0	1.16	1.11	1.12
660.0	3.55	3.73	0.18	20.95	0.35	660.0	1.14	1.13	1.13
680.0	3.58	3.78	0.20	21.11	0.38	680.0	1.11	1.14	1.14
700.0	3.63	3.84	0.21	21.26	0.40	700.0	1.08	1.16	1.15
720.0	3.68	3.91	0.23	21.27	0.44	720.0	1.05	1.18	1.16
740.0	3.76	4.01	0.25	20.90	0.49	740.0	1.04	1.20	1.17
760.0	3.87	4.14	0.27	19.91	0.55	760.0	1.10	1.22	1.17
780.0	4.02	4.32	0.30	18.33	0.61	780.0	1.19	1.25	1.17
800.0	4.26	4.58	0.32	16.33	0.70	800.0	1.31	1.29	1.18

¹Total Loss = Insertion Loss + 3dB Splitter Loss

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