

3 Way-0° Power Splitter/Combiner

ZA3CS-400-3W+

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-3		1-2	1-3	2-3			S	1	2	3
2.0	4.99	4.98	4.98	0.01	23.18	23.18	23.02	0.06	2.0	1.37	1.10	1.10	1.11
4.0	5.00	4.99	5.00	0.01	23.68	23.69	23.62	0.10	4.0	1.36	1.06	1.06	1.06
6.0	4.99	4.99	4.99	0.00	23.80	23.80	23.77	0.11	6.0	1.36	1.04	1.04	1.04
8.0	5.00	5.00	4.99	0.01	23.83	23.82	23.82	0.11	8.0	1.36	1.03	1.03	1.03
10.0	5.00	4.99	4.99	0.01	23.83	23.81	23.81	0.02	10.0	1.35	1.03	1.03	1.03
12.0	4.98	4.99	4.98	0.00	23.81	23.79	23.80	0.09	12.0	1.35	1.02	1.02	1.02
14.0	4.99	4.97	4.98	0.02	23.78	23.76	23.77	0.06	14.0	1.35	1.02	1.02	1.02
16.0	4.98	4.97	4.98	0.01	23.75	23.73	23.74	0.05	16.0	1.35	1.02	1.02	1.02
18.0	4.96	4.97	4.97	0.00	23.73	23.68	23.72	0.09	18.0	1.35	1.02	1.02	1.02
20.0	4.97	4.97	4.97	0.00	23.69	23.67	23.69	0.10	20.0	1.35	1.02	1.02	1.02
40.0	4.97	4.97	4.97	0.01	23.42	23.38	23.41	0.19	40.0	1.34	1.02	1.01	1.01
56.0	4.99	4.98	4.98	0.00	23.19	23.19	23.19	0.31	56.0	1.35	1.02	1.02	1.02
72.0	5.03	5.02	5.03	0.01	23.00	22.99	22.99	0.35	72.0	1.35	1.02	1.02	1.02
88.0	5.04	5.04	5.06	0.02	22.79	22.81	22.81	0.43	88.0	1.36	1.02	1.02	1.02
104.0	5.05	5.04	5.06	0.02	22.61	22.61	22.63	0.50	104.0	1.36	1.03	1.03	1.03
120.0	5.08	5.06	5.08	0.02	22.44	22.45	22.46	0.61	120.0	1.37	1.03	1.04	1.04
136.0	5.11	5.09	5.10	0.02	22.26	22.26	22.27	0.67	136.0	1.38	1.04	1.04	1.04
152.0	5.13	5.10	5.14	0.05	22.10	22.09	22.13	0.72	152.0	1.39	1.05	1.05	1.05
168.0	5.17	5.13	5.18	0.06	21.99	21.96	22.04	0.69	168.0	1.40	1.05	1.06	1.06
184.0	5.20	5.15	5.22	0.07	21.95	21.90	21.99	0.79	184.0	1.40	1.06	1.07	1.07
200.0	5.20	5.17	5.24	0.07	21.99	21.91	22.04	0.85	200.0	1.40	1.07	1.08	1.08
210.0	5.19	5.15	5.22	0.07	22.04	21.92	22.07	0.88	210.0	1.41	1.07	1.09	1.08
220.0	5.18	5.12	5.20	0.08	22.10	21.98	22.14	0.96	220.0	1.41	1.08	1.09	1.09
230.0	5.18	5.12	5.21	0.09	22.19	22.03	22.22	0.98	230.0	1.41	1.08	1.10	1.10
240.0	5.24	5.16	5.26	0.10	22.31	22.12	22.35	1.08	240.0	1.40	1.09	1.11	1.10
250.0	5.28	5.21	5.32	0.10	22.43	22.21	22.48	1.07	250.0	1.40	1.09	1.11	1.11
260.0	5.34	5.26	5.37	0.11	22.61	22.32	22.62	1.18	260.0	1.40	1.10	1.12	1.12
270.0	5.35	5.26	5.39	0.14	22.76	22.46	22.78	1.12	270.0	1.39	1.11	1.13	1.12
280.0	5.33	5.22	5.36	0.14	22.97	22.60	23.00	1.07	280.0	1.38	1.11	1.14	1.13
290.0	5.29	5.19	5.33	0.14	23.24	22.81	23.29	1.13	290.0	1.37	1.12	1.14	1.14
300.0	5.27	5.17	5.32	0.15	23.62	23.09	23.64	1.23	300.0	1.36	1.12	1.15	1.14
310.0	5.30	5.18	5.34	0.17	24.11	23.47	24.13	1.23	310.0	1.35	1.13	1.16	1.15
320.0	5.31	5.19	5.37	0.18	24.69	23.95	24.71	1.21	320.0	1.34	1.13	1.17	1.16
330.0	5.34	5.22	5.40	0.18	25.39	24.49	25.40	1.25	330.0	1.32	1.14	1.18	1.16
340.0	5.39	5.25	5.44	0.19	26.18	25.11	26.19	1.35	340.0	1.30	1.14	1.18	1.17
350.0	5.40	5.27	5.47	0.20	27.12	25.85	27.11	1.31	350.0	1.29	1.15	1.19	1.17
360.0	5.44	5.29	5.52	0.23	28.26	26.69	28.23	1.38	360.0	1.27	1.15	1.20	1.18
370.0	5.48	5.34	5.56	0.22	29.70	27.73	29.67	1.52	370.0	1.25	1.15	1.21	1.19
380.0	5.50	5.34	5.59	0.25	31.55	29.07	31.52	1.52	380.0	1.23	1.16	1.21	1.19
390.0	5.51	5.34	5.58	0.24	34.00	30.80	34.05	1.50	390.0	1.21	1.16	1.22	1.19
400.0	5.51	5.31	5.59	0.28	37.10	33.25	37.43	1.53	400.0	1.20	1.16	1.23	1.20

¹ Total Loss = Insertion Loss+ 4.8dB Splitter Loss

Notes

- A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
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