

3 Way-0° Power Splitter/Combiner

ZA3CS-450-9W

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
100.0	5.23	5.26	5.29	0.07	21.59	22.92	21.77	0.48	100.0	1.65	1.37	1.34	1.36
110.0	5.29	5.29	5.33	0.04	21.09	22.38	21.33	0.60	110.0	1.69	1.34	1.31	1.33
120.0	5.33	5.37	5.39	0.05	20.61	21.81	20.89	0.69	120.0	1.73	1.33	1.29	1.30
130.0	5.39	5.43	5.45	0.07	20.09	21.27	20.45	0.65	130.0	1.78	1.31	1.27	1.29
140.0	5.43	5.46	5.49	0.07	19.60	20.78	19.99	0.79	140.0	1.84	1.30	1.26	1.28
150.0	5.44	5.47	5.49	0.06	19.18	20.36	19.56	0.79	150.0	1.89	1.30	1.25	1.27
160.0	5.49	5.54	5.57	0.08	18.72	19.94	19.13	0.93	160.0	1.92	1.29	1.25	1.26
170.0	5.61	5.65	5.68	0.07	18.32	19.56	18.71	0.93	170.0	1.97	1.29	1.24	1.26
180.0	5.65	5.69	5.72	0.07	18.02	19.27	18.38	0.97	180.0	2.02	1.29	1.24	1.26
190.0	5.65	5.68	5.70	0.05	17.74	18.97	18.06	1.01	190.0	2.06	1.29	1.25	1.26
200.0	5.68	5.73	5.77	0.08	17.50	18.69	17.82	1.03	200.0	2.09	1.28	1.25	1.25
205.0	5.71	5.76	5.80	0.09	17.43	18.57	17.74	1.16	205.0	2.11	1.28	1.25	1.25
210.0	5.75	5.80	5.83	0.08	17.37	18.47	17.64	1.09	210.0	2.13	1.28	1.25	1.25
215.0	5.80	5.83	5.86	0.06	17.32	18.38	17.56	1.07	215.0	2.16	1.27	1.25	1.25
220.0	5.83	5.86	5.88	0.06	17.29	18.28	17.49	1.26	220.0	2.19	1.27	1.26	1.25
225.0	5.87	5.89	5.92	0.05	17.24	18.20	17.43	1.22	225.0	2.21	1.26	1.26	1.26
230.0	5.89	5.91	5.95	0.06	17.21	18.10	17.39	1.16	230.0	2.23	1.26	1.26	1.26
235.0	5.87	5.93	5.96	0.09	17.20	18.02	17.36	1.36	235.0	2.24	1.26	1.26	1.26
240.0	5.86	5.91	5.95	0.09	17.18	17.96	17.33	1.35	240.0	2.25	1.26	1.26	1.27
245.0	5.83	5.88	5.93	0.10	17.19	17.91	17.32	1.44	245.0	2.26	1.25	1.27	1.27
250.0	5.83	5.88	5.92	0.10	17.17	17.85	17.28	1.33	250.0	2.28	1.25	1.27	1.28
255.0	5.85	5.90	5.95	0.09	17.16	17.79	17.23	1.41	255.0	2.30	1.25	1.28	1.29
260.0	5.90	5.94	5.99	0.09	17.15	17.74	17.19	1.48	260.0	2.33	1.25	1.28	1.29
265.0	5.95	6.00	6.05	0.09	17.17	17.71	17.16	1.43	265.0	2.36	1.25	1.29	1.30
270.0	6.02	6.06	6.09	0.07	17.20	17.69	17.16	1.45	270.0	2.39	1.25	1.29	1.31
280.0	6.04	6.09	6.13	0.09	17.27	17.68	17.16	1.47	280.0	2.43	1.26	1.31	1.33
285.0	6.03	6.09	6.13	0.09	17.30	17.66	17.15	1.49	285.0	2.44	1.26	1.31	1.34
290.0	6.04	6.09	6.15	0.11	17.35	17.64	17.15	1.62	290.0	2.46	1.26	1.32	1.35
295.0	6.06	6.10	6.15	0.09	17.42	17.65	17.17	1.71	295.0	2.47	1.26	1.32	1.36
300.0	6.09	6.14	6.19	0.10	17.50	17.65	17.20	1.55	300.0	2.47	1.26	1.33	1.37
315.0	6.14	6.19	6.24	0.10	17.81	17.69	17.31	1.77	315.0	2.46	1.27	1.35	1.39
330.0	6.15	6.20	6.24	0.10	18.25	17.79	17.48	1.89	330.0	2.43	1.27	1.36	1.41
345.0	6.14	6.19	6.26	0.12	18.90	17.96	17.81	1.94	345.0	2.41	1.27	1.37	1.41
360.0	6.18	6.22	6.28	0.10	19.67	18.14	18.14	2.15	360.0	2.34	1.25	1.37	1.39
375.0	6.18	6.24	6.29	0.11	20.73	18.43	18.62	2.20	375.0	2.25	1.24	1.36	1.37
390.0	6.10	6.17	6.23	0.13	22.13	18.73	19.17	2.41	390.0	2.18	1.22	1.35	1.34
405.0	6.10	6.14	6.21	0.11	24.17	19.13	19.88	2.55	405.0	2.08	1.20	1.33	1.31
420.0	6.11	6.16	6.23	0.12	27.12	19.54	20.78	2.79	420.0	1.97	1.19	1.31	1.29
435.0	6.10	6.15	6.22	0.12	30.73	20.01	21.81	3.05	435.0	1.91	1.18	1.28	1.27
450.0	6.07	6.15	6.22	0.14	30.02	20.48	22.77	3.26	450.0	1.83	1.16	1.25	1.25

¹ Total Loss = Insertion Loss+ 4.8dB Splitter Loss

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