

3 Way-0° Power Splitter/Combiner

ZCSC-3-R3+

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	5.07	5.06	5.07	0.00	31.14	31.55	31.03	0.03	2.0	1.11	1.09	1.09	1.09
3.0	5.04	5.05	5.05	0.01	31.71	32.04	31.59	0.06	3.0	1.11	1.07	1.08	1.07
4.0	5.05	5.04	5.05	0.01	31.99	32.25	31.85	0.02	4.0	1.11	1.07	1.07	1.07
6.0	5.03	5.03	5.04	0.01	32.23	32.43	32.12	0.06	6.0	1.11	1.06	1.06	1.06
8.0	5.05	5.04	5.05	0.01	32.30	32.51	32.21	0.11	8.0	1.11	1.06	1.06	1.06
10.0	5.05	5.05	5.05	0.01	32.32	32.52	32.25	0.10	10.0	1.11	1.06	1.06	1.06
12.0	5.05	5.05	5.05	0.01	32.34	32.53	32.25	0.02	12.0	1.11	1.06	1.06	1.06
14.0	5.05	5.04	5.05	0.01	32.30	32.50	32.24	0.05	14.0	1.11	1.06	1.06	1.06
16.0	5.05	5.05	5.05	0.00	32.29	32.47	32.26	0.08	16.0	1.10	1.05	1.05	1.05
18.0	5.05	5.05	5.06	0.00	32.22	32.43	32.24	0.08	18.0	1.10	1.05	1.05	1.05
20.0	5.05	5.04	5.05	0.01	32.17	32.44	32.21	0.04	20.0	1.10	1.05	1.05	1.05
28.0	5.06	5.07	5.06	0.02	32.09	32.35	32.13	0.10	28.0	1.10	1.04	1.05	1.04
36.0	5.06	5.06	5.07	0.01	31.93	32.31	32.07	0.13	36.0	1.10	1.04	1.05	1.04
44.0	5.08	5.07	5.08	0.01	31.81	32.22	31.97	0.09	44.0	1.09	1.04	1.04	1.04
52.0	5.09	5.09	5.09	0.01	31.69	32.09	31.91	0.19	52.0	1.09	1.04	1.04	1.04
60.0	5.10	5.10	5.10	0.01	31.61	32.08	31.93	0.19	60.0	1.09	1.04	1.04	1.03
68.0	5.10	5.09	5.11	0.01	31.49	32.04	31.82	0.23	68.0	1.08	1.03	1.04	1.03
76.0	5.10	5.10	5.12	0.02	31.40	32.06	31.84	0.16	76.0	1.08	1.03	1.03	1.03
84.0	5.11	5.11	5.12	0.02	31.34	32.02	31.81	0.33	84.0	1.07	1.03	1.03	1.03
92.0	5.11	5.11	5.12	0.01	31.25	32.01	31.79	0.32	92.0	1.07	1.03	1.04	1.02
100.0	5.12	5.11	5.14	0.04	31.20	32.04	31.78	0.33	100.0	1.07	1.04	1.04	1.03
110.0	5.11	5.12	5.15	0.04	31.14	32.07	31.85	0.36	110.0	1.07	1.04	1.04	1.03
120.0	5.13	5.13	5.16	0.03	31.15	32.15	31.93	0.33	120.0	1.07	1.04	1.05	1.04
130.0	5.15	5.15	5.19	0.04	31.17	32.24	32.05	0.36	130.0	1.07	1.05	1.05	1.04
140.0	5.17	5.17	5.21	0.05	31.27	32.40	32.20	0.34	140.0	1.07	1.05	1.05	1.05
150.0	5.18	5.18	5.25	0.06	31.34	32.56	32.42	0.42	150.0	1.06	1.04	1.05	1.05
160.0	5.17	5.17	5.24	0.07	31.50	32.77	32.60	0.40	160.0	1.05	1.04	1.04	1.05
170.0	5.17	5.17	5.25	0.08	31.67	33.02	32.93	0.49	170.0	1.04	1.03	1.04	1.05
180.0	5.17	5.17	5.26	0.09	31.91	33.29	33.26	0.45	180.0	1.04	1.03	1.03	1.04
190.0	5.18	5.19	5.27	0.09	32.19	33.68	33.76	0.47	190.0	1.03	1.02	1.03	1.04
200.0	5.20	5.20	5.30	0.10	32.65	34.15	34.27	0.55	200.0	1.03	1.02	1.03	1.03
210.0	5.19	5.20	5.31	0.11	33.04	34.62	34.89	0.53	210.0	1.03	1.03	1.03	1.03
220.0	5.19	5.20	5.33	0.14	33.67	35.24	35.57	0.56	220.0	1.04	1.04	1.04	1.04
230.0	5.22	5.24	5.36	0.15	34.36	35.88	36.61	0.60	230.0	1.05	1.05	1.06	1.06
240.0	5.28	5.28	5.43	0.15	35.23	36.72	37.74	0.64	240.0	1.07	1.06	1.07	1.07
250.0	5.30	5.31	5.47	0.18	36.27	37.44	39.06	0.68	250.0	1.10	1.07	1.07	1.09
260.0	5.29	5.31	5.49	0.20	37.43	38.14	40.60	0.62	260.0	1.12	1.08	1.08	1.10
270.0	5.28	5.30	5.48	0.21	38.73	38.61	42.11	0.76	270.0	1.14	1.08	1.08	1.10
280.0	5.29	5.30	5.51	0.22	39.93	38.76	43.11	0.68	280.0	1.16	1.08	1.08	1.11
290.0	5.29	5.31	5.51	0.23	40.66	38.38	42.54	0.72	290.0	1.17	1.07	1.08	1.11
300.0	5.29	5.31	5.54	0.25	40.04	37.45	40.72	0.81	300.0	1.18	1.07	1.07	1.10

¹ Total Loss = Insertion Loss+ 4.8dB Splitter Loss

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