

4 Way-0° Power Splitter/Combiner

ZSC-4-3-75+

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	S-4		1-2	2-3	3-4			S	1	2	3	4
0.3	6.14	6.19	6.15	6.18	0.05	33.11	58.52	33.87	0.34	0.3	1.17	1.14	1.15	1.14	1.14
0.5	6.13	6.19	6.15	6.17	0.06	37.02	61.74	37.13	0.16	0.5	1.14	1.09	1.09	1.09	1.09
0.8	6.11	6.14	6.12	6.16	0.04	38.79	61.59	38.60	0.25	0.8	1.14	1.08	1.08	1.08	1.08
1.0	6.09	6.14	6.11	6.15	0.05	39.99	63.40	39.46	0.20	1.0	1.14	1.07	1.07	1.07	1.07
1.1	6.12	6.15	6.15	6.14	0.03	40.45	61.20	39.93	0.09	1.1	1.14	1.06	1.06	1.07	1.06
1.2	6.10	6.14	6.11	6.15	0.06	40.78	61.46	40.22	0.20	1.2	1.14	1.06	1.06	1.06	1.06
1.3	6.10	6.15	6.10	6.13	0.05	41.04	61.74	40.47	0.20	1.3	1.14	1.06	1.06	1.06	1.06
1.4	6.09	6.14	6.11	6.12	0.05	41.40	62.02	40.85	0.11	1.4	1.14	1.06	1.06	1.06	1.06
1.5	6.12	6.15	6.11	6.14	0.05	41.72	61.43	41.10	0.13	1.5	1.14	1.06	1.06	1.06	1.06
2.5	6.09	6.13	6.11	6.14	0.06	43.37	60.53	43.05	0.19	2.5	1.15	1.04	1.05	1.05	1.05
10.0	6.08	6.14	6.12	6.13	0.06	43.38	51.55	43.62	0.05	10.0	1.15	1.03	1.03	1.03	1.03
19.0	6.08	6.15	6.12	6.15	0.08	41.24	46.81	41.24	0.15	19.0	1.15	1.03	1.03	1.03	1.03
28.0	6.10	6.15	6.15	6.16	0.06	39.45	43.89	39.30	0.18	28.0	1.15	1.04	1.04	1.04	1.03
37.0	6.10	6.19	6.14	6.17	0.09	38.08	41.89	37.71	0.16	37.0	1.15	1.04	1.04	1.04	1.04
46.0	6.11	6.18	6.15	6.17	0.07	36.88	40.14	36.36	0.20	46.0	1.15	1.04	1.04	1.04	1.04
55.0	6.11	6.18	6.16	6.19	0.09	35.81	38.88	35.25	0.05	55.0	1.15	1.05	1.05	1.05	1.05
64.0	6.11	6.18	6.15	6.18	0.07	34.83	37.63	34.38	0.12	64.0	1.15	1.05	1.05	1.05	1.05
73.0	6.12	6.19	6.18	6.19	0.07	34.11	36.72	33.67	0.21	73.0	1.15	1.06	1.06	1.06	1.06
82.0	6.14	6.22	6.19	6.21	0.08	33.52	35.88	32.90	0.24	82.0	1.14	1.06	1.07	1.06	1.06
91.0	6.16	6.20	6.20	6.22	0.06	32.87	35.02	32.28	0.22	91.0	1.14	1.07	1.07	1.07	1.07
100.0	6.13	6.22	6.19	6.19	0.09	32.37	34.38	31.67	0.30	100.0	1.14	1.08	1.08	1.08	1.08
105.0	6.16	6.22	6.20	6.22	0.07	32.07	34.09	31.42	0.27	105.0	1.13	1.08	1.08	1.08	1.08
110.0	6.16	6.21	6.18	6.22	0.06	31.82	33.64	31.15	0.25	110.0	1.13	1.08	1.09	1.08	1.09
115.0	6.19	6.24	6.21	6.23	0.04	31.52	33.37	30.89	0.30	115.0	1.13	1.09	1.09	1.09	1.09
120.0	6.17	6.23	6.21	6.21	0.06	31.44	33.07	30.68	0.08	120.0	1.13	1.09	1.10	1.09	1.09
125.0	6.19	6.23	6.21	6.22	0.04	31.19	32.73	30.46	0.38	125.0	1.13	1.10	1.10	1.10	1.10
135.0	6.19	6.23	6.21	6.22	0.03	30.83	32.22	30.07	0.29	135.0	1.12	1.11	1.11	1.11	1.11
145.0	6.19	6.23	6.20	6.23	0.05	30.52	31.75	29.75	0.32	145.0	1.12	1.12	1.12	1.11	1.12
155.0	6.22	6.24	6.23	6.24	0.03	30.27	31.27	29.40	0.31	155.0	1.11	1.13	1.13	1.12	1.13
165.0	6.23	6.25	6.24	6.26	0.03	30.14	30.90	29.19	0.27	165.0	1.11	1.14	1.14	1.13	1.14
175.0	6.22	6.25	6.21	6.23	0.04	29.90	30.45	28.97	0.34	175.0	1.11	1.15	1.15	1.15	1.15
185.0	6.26	6.27	6.25	6.26	0.02	29.83	30.10	28.83	0.46	185.0	1.11	1.16	1.16	1.16	1.16
195.0	6.26	6.26	6.24	6.26	0.02	29.70	29.81	28.68	0.34	195.0	1.11	1.17	1.18	1.17	1.18
205.0	6.28	6.26	6.23	6.24	0.04	29.72	29.51	28.60	0.39	205.0	1.11	1.19	1.19	1.18	1.19
215.0	6.28	6.25	6.22	6.24	0.06	29.70	29.27	28.53	0.44	215.0	1.12	1.20	1.20	1.20	1.20
225.0	6.31	6.29	6.25	6.27	0.06	29.75	28.96	28.54	0.33	225.0	1.12	1.21	1.21	1.21	1.21
230.0	6.33	6.28	6.26	6.29	0.07	29.78	28.88	28.50	0.51	230.0	1.12	1.22	1.22	1.22	1.22
235.0	6.34	6.31	6.27	6.29	0.06	29.89	28.79	28.50	0.61	235.0	1.13	1.22	1.23	1.22	1.23
240.0	6.36	6.30	6.29	6.30	0.07	29.88	28.72	28.56	0.58	240.0	1.13	1.23	1.23	1.23	1.23
245.0	6.37	6.31	6.29	6.32	0.07	29.96	28.60	28.54	0.65	245.0	1.14	1.24	1.24	1.24	1.24
250.0	6.37	6.32	6.30	6.30	0.07	30.03	28.48	28.58	0.67	250.0	1.14	1.24	1.25	1.24	1.25

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

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