

4 Way-0° Power Splitter/Combiner

ZSC-4-1-75+

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
1.0	6.18	6.19	6.15	6.14	0.05	34.52	64.35	36.73	0.27	1.0	1.08	1.03	1.03	1.04	1.04
2.0	6.17	6.15	6.13	6.13	0.05	37.26	63.64	39.24	0.15	2.0	1.07	1.03	1.03	1.03	1.03
3.0	6.15	6.16	6.13	6.13	0.03	38.73	60.99	40.20	0.23	3.0	1.07	1.02	1.02	1.03	1.02
4.0	6.15	6.17	6.15	6.12	0.05	39.68	60.50	40.70	0.11	4.0	1.07	1.02	1.02	1.03	1.02
5.0	6.16	6.14	6.13	6.13	0.03	40.21	58.11	40.89	0.03	5.0	1.06	1.02	1.02	1.03	1.02
6.0	6.15	6.16	6.11	6.12	0.04	40.63	57.11	40.91	0.05	6.0	1.06	1.02	1.02	1.02	1.02
7.0	6.15	6.15	6.14	6.12	0.04	40.80	55.99	40.89	0.10	7.0	1.06	1.02	1.02	1.03	1.02
8.0	6.14	6.15	6.13	6.11	0.04	40.93	55.12	40.91	0.04	8.0	1.06	1.02	1.02	1.03	1.02
9.0	6.16	6.15	6.12	6.13	0.03	40.96	55.05	40.81	0.14	9.0	1.06	1.02	1.02	1.03	1.02
10.0	6.16	6.16	6.13	6.13	0.03	40.92	53.77	40.67	0.17	10.0	1.06	1.02	1.02	1.03	1.02
17.0	6.17	6.17	6.14	6.15	0.04	40.61	50.60	39.94	0.11	17.0	1.07	1.03	1.03	1.03	1.03
24.0	6.18	6.20	6.17	6.15	0.05	39.82	47.87	39.51	0.10	24.0	1.06	1.03	1.03	1.03	1.03
31.0	6.21	6.20	6.18	6.18	0.03	39.37	46.26	38.91	0.05	31.0	1.06	1.02	1.02	1.03	1.02
38.0	6.22	6.20	6.17	6.18	0.05	38.80	44.79	38.68	0.23	38.0	1.05	1.02	1.02	1.02	1.02
45.0	6.21	6.22	6.19	6.18	0.04	38.27	43.51	38.35	0.26	45.0	1.05	1.01	1.01	1.02	1.01
52.0	6.22	6.23	6.19	6.19	0.04	37.86	42.68	37.96	0.17	52.0	1.05	1.01	1.01	1.02	1.01
59.0	6.23	6.22	6.20	6.20	0.04	37.48	41.59	37.71	0.17	59.0	1.05	1.02	1.02	1.02	1.02
66.0	6.24	6.23	6.22	6.22	0.02	37.17	40.88	37.44	0.22	66.0	1.05	1.02	1.02	1.02	1.02
73.0	6.24	6.24	6.21	6.21	0.03	36.88	40.10	37.22	0.21	73.0	1.05	1.02	1.02	1.03	1.02
80.0	6.24	6.26	6.22	6.22	0.04	36.61	39.47	36.94	0.26	80.0	1.05	1.02	1.02	1.03	1.02
84.0	6.24	6.26	6.23	6.24	0.03	36.39	39.15	36.85	0.17	84.0	1.05	1.02	1.02	1.03	1.02
88.0	6.24	6.25	6.23	6.23	0.02	36.28	38.78	36.81	0.25	88.0	1.04	1.02	1.02	1.03	1.02
92.0	6.24	6.25	6.23	6.22	0.03	36.09	38.57	36.64	0.30	92.0	1.04	1.02	1.02	1.03	1.02
96.0	6.23	6.25	6.23	6.24	0.03	36.10	38.13	36.56	0.31	96.0	1.03	1.02	1.02	1.03	1.02
100.0	6.24	6.26	6.23	6.24	0.03	35.92	38.00	36.52	0.47	100.0	1.03	1.02	1.02	1.02	1.02
108.0	6.26	6.25	6.26	6.23	0.04	35.74	37.37	36.36	0.39	108.0	1.02	1.01	1.02	1.02	1.02
116.0	6.29	6.27	6.25	6.26	0.05	35.44	36.89	36.16	0.20	116.0	1.02	1.01	1.01	1.02	1.01
124.0	6.28	6.27	6.26	6.27	0.02	35.29	36.36	36.20	0.43	124.0	1.01	1.01	1.01	1.01	1.01
132.0	6.28	6.28	6.27	6.28	0.01	35.02	35.89	35.96	0.50	132.0	1.01	1.01	1.01	1.01	1.01
140.0	6.29	6.29	6.26	6.27	0.03	34.97	35.50	35.92	0.47	140.0	1.01	1.01	1.01	1.02	1.01
148.0	6.28	6.28	6.28	6.26	0.02	34.79	35.13	35.87	0.43	148.0	1.00	1.01	1.01	1.02	1.01
156.0	6.30	6.29	6.28	6.27	0.03	34.65	34.72	35.91	0.33	156.0	1.01	1.02	1.02	1.02	1.02
164.0	6.30	6.29	6.29	6.29	0.01	34.54	34.42	35.77	0.56	164.0	1.02	1.02	1.02	1.02	1.02
172.0	6.29	6.30	6.31	6.28	0.02	34.35	33.98	35.79	0.56	172.0	1.03	1.02	1.02	1.02	1.02
180.0	6.35	6.33	6.34	6.34	0.02	34.15	33.70	35.75	0.69	180.0	1.04	1.02	1.02	1.02	1.02
190.0	6.36	6.34	6.34	6.35	0.02	34.25	33.34	35.86	0.64	190.0	1.05	1.03	1.03	1.02	1.03
192.0	6.36	6.35	6.33	6.35	0.03	34.11	33.31	35.83	0.63	192.0	1.05	1.03	1.03	1.02	1.03
194.0	6.34	6.35	6.36	6.33	0.03	34.14	33.26	35.76	0.61	194.0	1.05	1.03	1.02	1.02	1.02
196.0	6.34	6.33	6.34	6.32	0.02	34.17	33.22	35.82	0.68	196.0	1.05	1.03	1.02	1.02	1.02
198.0	6.34	6.33	6.35	6.33	0.02	34.20	33.09	35.74	0.75	198.0	1.05	1.02	1.02	1.02	1.02
200.0	6.35	6.33	6.34	6.31	0.03	33.98	33.01	35.79	0.67	200.0	1.05	1.02	1.02	1.02	1.02

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

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