

4 Way-0° Power Splitter/Combiner

ZSC-4-3+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			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	6.35	6.38	6.38	6.38	0.03	25.15	50.85	26.87	0.3	1.23	1.38	1.38	1.35	1.35
0.5	6.33	6.36	6.36	6.36	0.03	27.67	50.90	29.42	0.5	1.13	1.22	1.22	1.21	1.20
1.0	6.34	6.35	6.36	6.36	0.02	29.04	50.78	30.51	1.0	1.09	1.17	1.17	1.16	1.16
5.0	6.25	6.24	6.25	6.25	0.01	31.59	50.05	31.90	5.0	1.05	1.09	1.09	1.08	1.08
10.0	6.25	6.25	6.24	6.24	0.01	31.74	48.80	31.71	10.0	1.05	1.07	1.07	1.07	1.07
20.0	6.28	6.27	6.28	6.27	0.01	31.11	45.32	30.91	20.0	1.06	1.07	1.07	1.07	1.07
33.6	6.28	6.27	6.27	6.28	0.01	29.98	42.15	29.70	33.6	1.09	1.07	1.08	1.08	1.07
50.0	6.32	6.33	6.32	6.33	0.01	28.72	39.38	28.38	50.0	1.12	1.07	1.08	1.08	1.08
75.2	6.38	6.39	6.39	6.39	0.01	27.10	36.59	26.71	75.2	1.15	1.07	1.09	1.10	1.08
100.0	6.43	6.45	6.43	6.45	0.02	26.05	34.88	25.63	100.0	1.17	1.07	1.10	1.11	1.08
150.1	6.47	6.49	6.50	6.48	0.03	25.56	33.18	25.13	150.1	1.17	1.05	1.09	1.10	1.07
175.1	6.50	6.53	6.52	6.51	0.03	26.21	33.08	25.85	175.1	1.13	1.04	1.08	1.09	1.05
200.0	6.50	6.54	6.54	6.51	0.04	27.54	33.57	27.46	200.0	1.10	1.05	1.08	1.09	1.05
225.0	6.53	6.57	6.56	6.54	0.04	29.03	34.68	30.13	225.0	1.13	1.10	1.11	1.12	1.09
250.0	6.64	6.70	6.67	6.64	0.06	28.42	36.51	31.57	250.0	1.24	1.17	1.18	1.18	1.15

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

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