

5 Way-0° Power Splitter/Combiner

ZBSC-ED6434/2

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹					AMP. UNBAL. (dB)	ISOLATION					PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-2	S-3	S-4	S-5		1-2	2-3	3-4	4-5	5-1			S	1	3
74.6	7.89	7.89	7.89	7.89	7.89	0.00	23.93	24.00	24.08	23.73	24.53	1.17	74.6	1.82	1.25	1.23
83.6	7.75	7.74	7.74	7.73	7.74	0.01	24.35	24.46	24.54	24.12	25.07	1.19	83.6	1.73	1.24	1.22
92.7	7.69	7.68	7.69	7.69	7.69	0.01	24.69	24.84	24.91	24.43	25.54	1.25	92.7	1.66	1.22	1.20
101.8	7.73	7.72	7.72	7.73	7.74	0.02	24.97	25.15	25.22	24.68	25.94	1.25	101.8	1.61	1.21	1.19
110.9	7.79	7.77	7.78	7.79	7.80	0.03	25.20	25.40	25.49	24.88	26.29	1.30	110.9	1.57	1.21	1.18
120.0	7.82	7.80	7.81	7.82	7.82	0.02	25.38	25.61	25.68	25.03	26.58	1.37	120.0	1.53	1.20	1.18
140.0	7.75	7.73	7.74	7.76	7.76	0.03	25.56	25.86	25.92	25.13	26.98	1.54	140.0	1.47	1.19	1.16
160.0	7.69	7.67	7.69	7.71	7.72	0.04	25.55	25.92	25.98	25.09	27.18	1.84	160.0	1.43	1.18	1.15
180.0	7.64	7.61	7.65	7.67	7.68	0.07	25.48	25.87	25.94	24.96	27.29	2.05	180.0	1.40	1.17	1.14
200.0	7.75	7.71	7.74	7.78	7.80	0.09	25.41	25.84	25.92	24.87	27.42	2.27	200.0	1.37	1.16	1.13
248.0	7.73	7.68	7.73	7.77	7.81	0.12	25.16	25.69	25.81	24.56	27.56	2.64	248.0	1.33	1.13	1.11
296.0	7.88	7.81	7.88	7.94	7.99	0.18	24.86	25.44	25.61	24.21	27.70	3.19	296.0	1.29	1.12	1.10
344.0	7.80	7.74	7.84	7.90	7.95	0.21	24.53	25.23	25.47	23.90	27.80	3.46	344.0	1.27	1.11	1.11
392.0	7.94	7.83	7.93	8.03	8.12	0.28	24.15	24.89	25.21	23.57	27.98	3.88	392.0	1.27	1.10	1.11
440.0	8.00	7.91	8.05	8.15	8.24	0.33	23.60	24.47	24.92	23.16	28.01	4.18	440.0	1.30	1.10	1.12
450.0	8.04	7.94	8.09	8.19	8.29	0.35	23.45	24.33	24.81	23.05	28.01	4.25	450.0	1.32	1.10	1.12
460.0	8.05	7.95	8.10	8.21	8.32	0.37	23.31	24.21	24.70	22.96	27.99	4.36	460.0	1.33	1.09	1.12
480.0	8.04	7.91	8.06	8.19	8.32	0.41	23.02	23.90	24.47	22.74	27.89	4.46	480.0	1.37	1.09	1.13
500.0	8.16	8.03	8.19	8.33	8.46	0.43	22.66	23.57	24.20	22.48	27.73	4.43	500.0	1.41	1.09	1.13
520.0	8.18	8.06	8.24	8.38	8.50	0.44	22.23	23.18	23.87	22.17	27.46	4.48	520.0	1.47	1.09	1.13
551.1	8.29	8.15	8.34	8.50	8.64	0.50	21.53	22.48	23.24	21.66	26.90	4.82	551.1	1.57	1.09	1.13
582.2	8.44	8.28	8.49	8.66	8.83	0.55	20.74	21.67	22.51	21.04	26.12	4.91	582.2	1.71	1.10	1.13
613.3	8.63	8.48	8.72	8.90	9.06	0.59	19.88	20.84	21.76	20.38	25.20	5.32	613.3	1.89	1.10	1.13
644.4	9.03	8.84	9.12	9.30	9.48	0.64	19.04	19.97	20.93	19.70	24.20	5.83	644.4	2.11	1.12	1.14
675.6	9.23	9.02	9.31	9.51	9.72	0.70	18.20	19.09	20.11	19.00	23.22	6.13	675.6	2.38	1.14	1.15

¹ Total Loss = Insertion Loss + 7dB Splitter Loss

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