

4 Way-0° Power Splitter/Combiner

ZBSC-413+

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
10.0	6.35	6.36	6.35	6.34	0.01	35.02	35.64	34.88	0.05	10.0	1.07	1.05	1.05	1.05	1.05
20.0	6.35	6.36	6.36	6.36	0.01	34.81	35.90	34.65	0.09	20.0	1.07	1.05	1.05	1.05	1.05
30.0	6.36	6.35	6.36	6.35	0.01	34.52	35.99	34.37	0.06	30.0	1.07	1.04	1.04	1.04	1.05
40.0	6.37	6.36	6.37	6.36	0.01	34.06	36.02	34.06	0.11	40.0	1.07	1.04	1.04	1.04	1.05
50.0	6.39	6.38	6.38	6.39	0.01	33.68	35.96	33.63	0.06	50.0	1.07	1.04	1.04	1.04	1.05
60.0	6.39	6.40	6.40	6.39	0.01	33.22	35.80	33.28	0.04	60.0	1.08	1.04	1.04	1.04	1.05
70.0	6.39	6.40	6.40	6.40	0.02	32.78	35.60	32.83	0.13	70.0	1.08	1.05	1.04	1.04	1.04
80.0	6.40	6.40	6.40	6.41	0.01	32.32	35.38	32.41	0.09	80.0	1.09	1.05	1.05	1.05	1.04
90.0	6.40	6.41	6.40	6.41	0.01	31.90	35.12	32.02	0.12	90.0	1.10	1.05	1.05	1.05	1.04
100.0	6.42	6.41	6.42	6.42	0.00	31.47	34.89	31.62	0.14	100.0	1.11	1.05	1.05	1.05	1.04
120.0	6.45	6.44	6.44	6.44	0.01	30.56	34.30	30.76	0.19	120.0	1.11	1.05	1.05	1.05	1.06
140.0	6.47	6.47	6.47	6.47	0.00	29.80	33.64	30.02	0.22	140.0	1.12	1.06	1.06	1.06	1.07
160.0	6.47	6.47	6.47	6.47	0.00	29.09	33.09	29.32	0.16	160.0	1.12	1.06	1.06	1.06	1.06
180.0	6.45	6.46	6.46	6.46	0.00	28.45	32.49	28.72	0.21	180.0	1.15	1.07	1.07	1.07	1.05
200.0	6.54	6.54	6.54	6.55	0.01	27.93	31.98	28.25	0.12	200.0	1.17	1.08	1.07	1.07	1.08
220.0	6.54	6.55	6.55	6.55	0.01	27.40	31.41	27.70	0.25	220.0	1.17	1.08	1.08	1.08	1.10
240.0	6.54	6.54	6.54	6.53	0.00	26.93	30.92	27.26	0.14	240.0	1.16	1.09	1.08	1.08	1.09
260.0	6.50	6.51	6.52	6.52	0.02	26.55	30.45	26.93	0.27	260.0	1.17	1.09	1.09	1.09	1.08
280.0	6.59	6.58	6.59	6.59	0.01	26.28	30.05	26.68	0.26	280.0	1.20	1.10	1.10	1.10	1.09
300.0	6.67	6.67	6.67	6.66	0.01	26.02	29.66	26.40	0.24	300.0	1.22	1.10	1.10	1.10	1.11
320.0	6.59	6.59	6.60	6.59	0.01	25.71	29.18	26.13	0.25	320.0	1.21	1.11	1.11	1.11	1.13
340.0	6.59	6.58	6.60	6.59	0.02	25.55	28.86	26.01	0.26	340.0	1.20	1.11	1.11	1.11	1.12
360.0	6.61	6.61	6.61	6.61	0.01	25.45	28.54	25.94	0.32	360.0	1.22	1.12	1.12	1.12	1.11
380.0	6.73	6.72	6.73	6.73	0.01	25.39	28.26	25.92	0.39	380.0	1.25	1.12	1.12	1.12	1.13
400.0	6.70	6.71	6.70	6.71	0.01	25.30	27.90	25.88	0.29	400.0	1.24	1.13	1.13	1.13	1.15
425.0	6.66	6.66	6.66	6.66	0.01	25.31	27.55	25.91	0.27	425.0	1.22	1.14	1.14	1.14	1.15
450.0	6.70	6.71	6.72	6.71	0.01	25.45	27.31	26.13	0.41	450.0	1.24	1.14	1.14	1.14	1.14
475.0	6.81	6.81	6.81	6.82	0.01	25.65	27.01	26.39	0.42	475.0	1.26	1.15	1.15	1.15	1.17
500.0	6.72	6.72	6.73	6.73	0.01	25.86	26.70	26.70	0.46	500.0	1.24	1.16	1.16	1.16	1.19
525.0	6.76	6.76	6.78	6.77	0.02	26.29	26.52	27.26	0.48	525.0	1.24	1.16	1.17	1.16	1.17
550.0	6.84	6.84	6.85	6.84	0.01	26.81	26.31	27.88	0.48	550.0	1.25	1.17	1.17	1.17	1.18
575.0	6.81	6.81	6.82	6.82	0.02	27.42	26.09	28.66	0.52	575.0	1.25	1.17	1.18	1.18	1.21
600.0	6.82	6.83	6.83	6.83	0.01	28.21	25.97	29.70	0.45	600.0	1.24	1.18	1.19	1.18	1.21
625.0	6.87	6.88	6.89	6.88	0.02	29.19	25.82	30.98	0.63	625.0	1.24	1.18	1.19	1.19	1.20
650.0	6.88	6.88	6.90	6.90	0.02	30.44	25.73	32.60	0.51	650.0	1.24	1.19	1.20	1.20	1.22
675.0	6.90	6.90	6.92	6.92	0.02	32.00	25.64	34.60	0.60	675.0	1.24	1.19	1.20	1.20	1.24
700.0	6.94	6.95	6.96	6.96	0.02	33.79	25.57	36.63	0.80	700.0	1.23	1.20	1.21	1.21	1.23
725.0	6.95	6.94	6.99	6.97	0.04	35.63	25.55	37.48	0.74	725.0	1.23	1.20	1.21	1.21	1.22
750.0	6.97	6.98	7.00	6.99	0.03	36.64	25.63	35.87	0.73	750.0	1.24	1.21	1.22	1.22	1.23
775.0	7.05	7.06	7.07	7.06	0.02	35.47	25.63	33.19	0.82	775.0	1.24	1.21	1.22	1.22	1.24
800.0	7.08	7.07	7.10	7.10	0.03	33.06	25.63	30.50	0.73	800.0	1.22	1.21	1.22	1.22	1.24

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss