

6 Way-0° Power Splitter/Combiner

ZBSC-615+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-3	S-5		1-2	1-3	1-5			S	1	3
1.0	8.24	8.24	8.25	0.01	34.26	34.79	34.18	0.10	1.0	1.19	1.28	1.27
2.0	8.23	8.22	8.22	0.01	38.12	37.59	36.53	0.09	2.0	1.14	1.19	1.19
3.0	8.18	8.20	8.20	0.02	39.68	38.91	37.79	0.05	3.0	1.12	1.15	1.15
4.0	8.18	8.18	8.18	0.01	40.88	39.59	38.66	0.12	4.0	1.11	1.13	1.13
5.0	8.18	8.17	8.18	0.02	41.82	39.94	39.19	0.10	5.0	1.10	1.12	1.11
6.0	8.17	8.19	8.18	0.01	42.46	40.03	39.50	0.13	6.0	1.09	1.11	1.10
7.0	8.18	8.18	8.19	0.02	42.89	40.13	39.72	0.08	7.0	1.08	1.10	1.10
8.0	8.19	8.18	8.18	0.01	43.22	40.13	39.82	0.09	8.0	1.08	1.09	1.09
9.0	8.19	8.18	8.18	0.01	43.37	40.14	39.88	0.07	9.0	1.07	1.09	1.09
10.0	8.19	8.19	8.19	0.01	43.43	40.12	39.95	0.10	10.0	1.07	1.09	1.08
20.0	8.22	8.21	8.22	0.01	42.10	39.84	40.04	0.13	20.0	1.07	1.08	1.08
40.0	8.25	8.24	8.26	0.02	38.37	38.79	39.30	0.11	40.0	1.07	1.08	1.08
60.0	8.29	8.29	8.29	0.02	35.60	37.72	38.38	0.24	60.0	1.07	1.08	1.08
80.0	8.33	8.32	8.33	0.02	33.57	36.67	37.40	0.25	80.0	1.09	1.08	1.08
100.0	8.37	8.36	8.37	0.02	32.04	35.70	36.58	0.35	100.0	1.10	1.07	1.07
120.0	8.39	8.38	8.40	0.02	30.82	34.80	35.68	0.38	120.0	1.11	1.07	1.06
140.0	8.42	8.42	8.43	0.02	29.88	34.06	35.06	0.45	140.0	1.12	1.07	1.07
160.0	8.48	8.44	8.47	0.04	29.20	33.43	34.34	0.49	160.0	1.14	1.08	1.07
180.0	8.48	8.48	8.47	0.04	28.67	32.79	33.77	0.53	180.0	1.16	1.07	1.06
200.0	8.56	8.54	8.55	0.03	28.23	32.24	33.33	0.61	200.0	1.18	1.07	1.06
220.0	8.56	8.54	8.56	0.03	27.92	31.74	32.78	0.65	220.0	1.18	1.10	1.09
240.0	8.63	8.60	8.62	0.05	27.78	31.39	32.55	0.72	240.0	1.19	1.11	1.10
250.0	8.65	8.60	8.64	0.06	27.71	31.24	32.38	0.75	250.0	1.20	1.11	1.09
260.0	8.65	8.61	8.64	0.05	27.62	31.05	32.21	0.72	260.0	1.22	1.10	1.09
270.0	8.66	8.62	8.64	0.05	27.53	30.89	32.08	0.81	270.0	1.23	1.10	1.09
280.0	8.71	8.68	8.69	0.05	27.49	30.74	31.91	0.92	280.0	1.24	1.11	1.10
290.0	8.77	8.72	8.73	0.05	27.39	30.59	31.84	0.85	290.0	1.24	1.13	1.11
300.0	8.78	8.73	8.75	0.06	27.30	30.45	31.72	0.93	300.0	1.24	1.14	1.12
310.0	8.74	8.71	8.75	0.07	27.19	30.27	31.56	0.92	310.0	1.24	1.15	1.13
320.0	8.77	8.71	8.75	0.07	27.12	30.22	31.50	0.96	320.0	1.24	1.15	1.13
330.0	8.80	8.74	8.77	0.06	27.07	30.17	31.51	1.02	330.0	1.25	1.15	1.13
340.0	8.83	8.77	8.83	0.09	26.99	30.08	31.47	1.18	340.0	1.26	1.15	1.13
350.0	8.85	8.79	8.83	0.09	26.89	30.02	31.44	1.23	350.0	1.28	1.15	1.12
360.0	8.88	8.81	8.85	0.09	26.73	29.92	31.35	1.29	360.0	1.29	1.15	1.13
370.0	8.93	8.85	8.89	0.08	26.55	29.84	31.27	1.29	370.0	1.29	1.17	1.15
380.0	8.97	8.90	8.94	0.08	26.38	29.74	31.28	1.28	380.0	1.29	1.18	1.16
400.0	8.96	8.90	8.95	0.12	25.96	29.56	31.13	1.46	400.0	1.28	1.19	1.17
425.0	9.05	8.94	9.01	0.15	25.61	29.44	31.14	1.57	425.0	1.30	1.19	1.16
450.0	9.15	9.04	9.11	0.12	25.18	29.22	30.99	1.85	450.0	1.34	1.21	1.19
475.0	9.20	9.08	9.17	0.15	24.79	28.83	30.74	1.86	475.0	1.35	1.23	1.21
500.0	9.25	9.12	9.22	0.17	24.57	28.42	30.39	2.07	500.0	1.37	1.23	1.23

¹ Total Loss = Insertion Loss+ 7.8dB Splitter Loss



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