

6 Way-0° Power Splitter/Combiner

ZBSC-611

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	5-6			S	1	3
10.0	8.17	8.17	8.18	0.01	43.26	39.05	42.55	0.15	10.0	1.17	1.07	1.08
12.0	8.18	8.18	8.18	0.01	43.23	39.08	42.48	0.13	12.0	1.17	1.07	1.07
14.0	8.18	8.18	8.19	0.02	43.23	39.09	42.34	0.19	14.0	1.17	1.07	1.07
16.0	8.17	8.20	8.19	0.03	43.06	39.09	42.27	0.19	16.0	1.17	1.07	1.07
18.0	8.20	8.21	8.20	0.01	43.09	39.08	42.20	0.22	18.0	1.17	1.07	1.07
25.0	8.21	8.22	8.23	0.01	42.79	38.94	41.68	0.26	25.0	1.16	1.07	1.07
30.0	8.23	8.23	8.23	0.01	42.71	38.79	41.46	0.28	30.0	1.16	1.07	1.07
35.0	8.24	8.24	8.25	0.01	42.60	38.64	41.10	0.35	35.0	1.15	1.07	1.07
40.0	8.25	8.25	8.25	0.01	42.29	38.45	40.76	0.37	40.0	1.15	1.07	1.07
45.0	8.25	8.27	8.26	0.02	42.12	38.28	40.45	0.39	45.0	1.15	1.07	1.07
50.0	8.26	8.27	8.27	0.02	42.04	38.14	40.14	0.51	50.0	1.15	1.07	1.07
55.0	8.28	8.29	8.28	0.02	41.84	37.92	39.84	0.43	55.0	1.14	1.07	1.07
60.0	8.29	8.30	8.30	0.02	41.70	37.75	39.48	0.62	60.0	1.14	1.08	1.07
65.0	8.31	8.32	8.31	0.02	41.36	37.57	39.18	0.59	65.0	1.14	1.08	1.07
70.0	8.32	8.33	8.31	0.02	41.16	37.32	38.84	0.59	70.0	1.14	1.08	1.07
75.0	8.33	8.34	8.33	0.02	40.90	37.07	38.51	0.71	75.0	1.14	1.08	1.07
80.0	8.34	8.34	8.33	0.01	40.64	36.94	38.20	0.75	80.0	1.13	1.08	1.07
85.0	8.36	8.36	8.35	0.02	40.31	36.75	37.86	0.90	85.0	1.13	1.09	1.07
90.0	8.37	8.37	8.36	0.02	39.83	36.52	37.52	0.76	90.0	1.13	1.09	1.07
95.0	8.38	8.39	8.36	0.03	39.58	36.30	37.18	0.70	95.0	1.12	1.09	1.07
100.0	8.39	8.39	8.37	0.02	39.13	36.21	36.80	0.87	100.0	1.11	1.09	1.06
105.0	8.39	8.40	8.37	0.03	38.73	36.10	36.44	1.02	105.0	1.11	1.09	1.06
110.0	8.39	8.42	8.39	0.04	38.18	35.89	36.14	1.04	110.0	1.10	1.09	1.06
115.0	8.41	8.42	8.39	0.03	37.71	35.71	35.80	1.04	115.0	1.09	1.09	1.06
120.0	8.41	8.43	8.41	0.03	37.21	35.57	35.44	1.15	120.0	1.08	1.09	1.07
125.0	8.42	8.44	8.41	0.03	36.62	35.45	35.08	1.14	125.0	1.08	1.10	1.07
130.0	8.43	8.45	8.42	0.04	36.13	35.35	34.65	1.15	130.0	1.07	1.10	1.07
135.0	8.46	8.47	8.44	0.05	35.52	35.30	34.30	1.21	135.0	1.07	1.11	1.07
140.0	8.47	8.49	8.45	0.05	35.03	35.13	33.86	1.17	140.0	1.06	1.11	1.07
145.0	8.49	8.50	8.46	0.05	34.46	35.06	33.47	1.27	145.0	1.06	1.11	1.08
150.0	8.52	8.53	8.49	0.04	33.99	34.96	33.09	1.39	150.0	1.06	1.11	1.08
155.0	8.53	8.54	8.49	0.06	33.42	34.88	32.67	1.49	155.0	1.06	1.11	1.08
160.0	8.56	8.55	8.50	0.06	32.88	34.80	32.23	1.47	160.0	1.05	1.12	1.08
165.0	8.55	8.55	8.51	0.07	32.35	34.67	31.81	1.50	165.0	1.05	1.11	1.07
170.0	8.56	8.55	8.50	0.06	31.77	34.60	31.38	1.40	170.0	1.04	1.11	1.07
175.0	8.56	8.57	8.50	0.08	31.23	34.56	30.92	1.42	175.0	1.04	1.11	1.07
180.0	8.57	8.58	8.51	0.07	30.73	34.46	30.47	1.51	180.0	1.03	1.11	1.07
185.0	8.58	8.60	8.52	0.09	30.21	34.44	30.08	1.64	185.0	1.03	1.11	1.07
190.0	8.60	8.62	8.53	0.09	29.72	34.36	29.65	1.70	190.0	1.04	1.11	1.07
195.0	8.59	8.63	8.54	0.09	29.23	34.29	29.22	1.67	195.0	1.05	1.11	1.07
200.0	8.62	8.63	8.55	0.10	28.73	34.26	28.81	1.70	200.0	1.06	1.11	1.07

¹ Total Loss = Insertion Loss+ 7.8dB Splitter Loss

REV. X2
ZBSC-611
100627
Page 1 of 1