

5 Way-0° Power Splitter/Combiner

ZBSC-5-1

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	S-5		1-2	2-3	3-4	4-5			S	1	2	3	4
120.0	7.82	7.75	7.78	7.79	7.83	0.08	27.14	24.62	25.48	24.71	1.56	120.0	1.57	1.23	1.21	1.18	1.18
130.0	7.84	7.78	7.80	7.82	7.86	0.08	27.11	24.80	25.60	24.79	1.74	130.0	1.53	1.21	1.19	1.17	1.16
140.0	7.84	7.79	7.83	7.83	7.87	0.08	27.07	24.96	25.72	24.85	1.80	140.0	1.50	1.20	1.18	1.16	1.15
150.0	7.82	7.76	7.79	7.82	7.85	0.09	26.99	25.04	25.79	24.85	1.92	150.0	1.47	1.19	1.17	1.15	1.15
160.0	7.76	7.70	7.74	7.76	7.80	0.10	26.87	25.08	25.79	24.79	2.11	160.0	1.45	1.19	1.17	1.15	1.14
170.0	7.71	7.65	7.70	7.69	7.76	0.11	26.71	25.08	25.75	24.71	2.18	170.0	1.44	1.19	1.17	1.15	1.14
180.0	7.70	7.62	7.68	7.70	7.74	0.12	26.56	25.06	25.71	24.65	2.35	180.0	1.44	1.19	1.17	1.15	1.14
190.0	7.75	7.67	7.72	7.73	7.80	0.13	26.44	25.06	25.69	24.58	2.54	190.0	1.44	1.19	1.16	1.14	1.14
200.0	7.83	7.76	7.81	7.82	7.91	0.15	26.38	25.08	25.68	24.54	2.49	200.0	1.43	1.18	1.15	1.13	1.13
210.0	7.89	7.80	7.84	7.87	7.95	0.15	26.26	25.06	25.64	24.47	2.55	210.0	1.41	1.17	1.13	1.12	1.11
220.0	7.91	7.81	7.86	7.90	7.97	0.16	26.15	25.03	25.59	24.39	2.74	220.0	1.39	1.15	1.12	1.11	1.10
230.0	7.90	7.80	7.85	7.88	7.97	0.17	26.03	25.01	25.57	24.32	2.71	230.0	1.37	1.14	1.11	1.10	1.09
240.0	7.87	7.78	7.85	7.88	7.96	0.17	25.94	25.04	25.56	24.26	2.85	240.0	1.35	1.14	1.11	1.11	1.09
250.0	7.81	7.73	7.81	7.83	7.92	0.19	25.79	24.96	25.51	24.15	3.12	250.0	1.35	1.14	1.11	1.12	1.10
260.0	7.76	7.68	7.76	7.79	7.86	0.18	25.61	24.89	25.43	24.01	3.14	260.0	1.35	1.15	1.12	1.12	1.10
270.0	7.76	7.68	7.76	7.80	7.89	0.21	25.47	24.79	25.34	23.89	3.16	270.0	1.35	1.15	1.12	1.11	1.10
280.0	7.86	7.77	7.86	7.88	7.99	0.22	25.39	24.77	25.30	23.84	3.40	280.0	1.36	1.15	1.11	1.10	1.09
290.0	7.97	7.85	7.93	7.97	8.08	0.23	25.33	24.75	25.26	23.79	3.45	290.0	1.36	1.14	1.09	1.09	1.07
300.0	8.00	7.87	7.95	7.99	8.12	0.25	25.26	24.70	25.24	23.71	3.46	300.0	1.35	1.12	1.08	1.09	1.06
310.0	7.97	7.82	7.91	7.96	8.10	0.28	25.12	24.66	25.18	23.63	3.52	310.0	1.34	1.11	1.07	1.09	1.06
320.0	7.92	7.80	7.89	7.94	8.08	0.28	25.04	24.65	25.16	23.55	3.66	320.0	1.32	1.11	1.07	1.10	1.06
330.0	7.91	7.78	7.90	7.93	8.06	0.28	24.98	24.62	25.15	23.50	3.68	330.0	1.31	1.10	1.08	1.11	1.07
340.0	7.92	7.78	7.91	7.95	8.09	0.31	24.88	24.59	25.13	23.46	3.84	340.0	1.30	1.11	1.08	1.11	1.08
350.0	7.92	7.79	7.92	7.96	8.10	0.31	24.75	24.54	25.06	23.36	4.01	350.0	1.30	1.11	1.08	1.11	1.08
360.0	7.95	7.81	7.96	8.00	8.14	0.32	24.63	24.46	25.01	23.26	4.18	360.0	1.31	1.11	1.08	1.11	1.07
370.0	8.01	7.86	8.01	8.05	8.21	0.34	24.55	24.41	24.96	23.20	4.23	370.0	1.32	1.11	1.07	1.10	1.06
380.0	8.07	7.92	8.06	8.11	8.28	0.36	24.48	24.37	24.92	23.15	4.50	380.0	1.33	1.10	1.06	1.10	1.06
390.0	8.09	7.91	8.06	8.10	8.30	0.39	24.42	24.33	24.89	23.08	4.39	390.0	1.33	1.09	1.05	1.10	1.06
400.0	8.03	7.86	8.01	8.06	8.26	0.40	24.31	24.27	24.83	23.00	4.37	400.0	1.33	1.08	1.06	1.11	1.07
410.0	7.99	7.83	7.99	8.02	8.24	0.41	24.18	24.22	24.80	22.91	4.38	410.0	1.32	1.08	1.06	1.12	1.08
420.0	8.02	7.84	8.01	8.06	8.27	0.43	24.08	24.20	24.78	22.84	4.41	420.0	1.32	1.08	1.07	1.13	1.08
430.0	8.06	7.89	8.09	8.13	8.33	0.44	23.98	24.17	24.76	22.79	4.51	430.0	1.32	1.09	1.07	1.13	1.08
440.0	8.10	7.94	8.15	8.18	8.39	0.45	23.84	24.08	24.68	22.71	4.77	440.0	1.32	1.10	1.07	1.13	1.07
450.0	8.15	7.97	8.19	8.22	8.43	0.46	23.71	23.98	24.59	22.60	4.94	450.0	1.34	1.10	1.06	1.12	1.07
460.0	8.17	7.99	8.21	8.24	8.46	0.48	23.57	23.87	24.51	22.52	5.07	460.0	1.36	1.09	1.05	1.12	1.07
470.0	8.17	7.97	8.20	8.25	8.50	0.53	23.47	23.78	24.43	22.42	5.26	470.0	1.38	1.08	1.05	1.13	1.07
480.0	8.14	7.94	8.16	8.21	8.47	0.53	23.31	23.66	24.34	22.33	5.20	480.0	1.39	1.08	1.05	1.14	1.09
490.0	8.15	7.93	8.17	8.20	8.47	0.54	23.13	23.56	24.23	22.21	5.35	490.0	1.41	1.07	1.06	1.15	1.09
500.0	8.17	7.96	8.20	8.26	8.52	0.56	22.96	23.47	24.14	22.10	5.29	500.0	1.42	1.07	1.06	1.16	1.10
510.0	8.24	8.02	8.29	8.32	8.61	0.58	22.77	23.35	24.04	22.00	5.30	510.0	1.43	1.08	1.06	1.15	1.09
520.0	8.30	8.08	8.37	8.39	8.67	0.59	22.58	23.21	23.91	21.88	5.41	520.0	1.45	1.09	1.05	1.15	1.09

¹ Total Loss = Insertion Loss+ 7dB Splitter Loss