

8 Way-0° Power Splitter/Combiner

ZB8CS-ED13323/1

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-6	S-8		1-2	1-8	3-4	6-7			S	1	8
2200.0	9.83	9.85	9.98	9.85	9.93	9.81	0.22	22.21	29.91	22.95	20.50	2.08	2200.0	1.28	1.03	1.04
2250.0	9.76	9.72	9.86	9.78	9.85	9.78	0.16	23.26	32.09	25.04	21.23	2.10	2250.0	1.22	1.05	1.02
2300.0	9.74	9.75	9.83	9.71	9.77	9.76	0.12	25.66	31.12	27.68	22.01	2.03	2300.0	1.20	1.08	1.00
2350.0	9.68	9.69	9.77	9.66	9.77	9.76	0.12	30.73	33.65	31.10	22.95	2.39	2350.0	1.19	1.10	1.01
2400.0	9.75	9.67	9.80	9.71	9.74	9.76	0.12	34.25	32.07	35.01	24.03	2.08	2400.0	1.17	1.11	1.03
2425.0	9.71	9.69	9.77	9.68	9.76	9.76	0.10	34.28	36.45	36.08	24.64	2.20	2425.0	1.16	1.12	1.04
2450.0	9.74	9.71	9.74	9.70	9.73	9.75	0.09	31.62	32.18	35.91	25.32	2.61	2450.0	1.15	1.12	1.04
2475.0	9.80	9.71	9.78	9.75	9.73	9.77	0.10	37.28	30.94	34.80	26.03	2.38	2475.0	1.15	1.13	1.05
2500.0	9.78	9.73	9.79	9.73	9.76	9.78	0.10	34.33	34.59	33.37	26.83	2.16	2500.0	1.15	1.13	1.06
2525.0	9.78	9.77	9.78	9.72	9.78	9.79	0.12	31.09	37.43	32.10	27.75	2.78	2525.0	1.14	1.13	1.07
2550.0	9.86	9.78	9.81	9.79	9.78	9.80	0.14	34.41	33.36	31.17	28.74	2.89	2550.0	1.14	1.13	1.07
2575.0	9.89	9.80	9.84	9.80	9.80	9.82	0.16	34.75	32.66	30.40	29.90	2.52	2575.0	1.14	1.13	1.09
2600.0	9.85	9.85	9.84	9.76	9.83	9.84	0.17	31.18	36.67	29.84	31.24	2.74	2600.0	1.14	1.12	1.10
2625.0	9.91	9.85	9.85	9.82	9.84	9.83	0.14	32.29	40.36	29.60	32.76	3.31	2625.0	1.14	1.12	1.10
2650.0	9.95	9.87	9.91	9.86	9.86	9.88	0.17	38.65	33.60	29.59	34.58	3.04	2650.0	1.13	1.12	1.11
2675.0	9.92	9.89	9.90	9.82	9.89	9.88	0.20	36.72	32.03	29.73	36.79	3.11	2675.0	1.11	1.11	1.12
2700.0	9.92	9.89	9.86	9.85	9.87	9.86	0.14	33.33	35.13	30.19	39.16	3.76	2700.0	1.10	1.11	1.13
2725.0	9.99	9.88	9.89	9.93	9.85	9.88	0.17	35.76	47.29	30.97	41.50	3.43	2725.0	1.10	1.11	1.13
2750.0	9.98	9.91	9.98	9.90	9.92	9.91	0.20	44.50	33.14	31.92	42.34	3.35	2750.0	1.10	1.11	1.14
2775.0	9.92	9.89	9.89	9.85	9.88	9.91	0.22	44.42	30.24	33.24	40.73	3.96	2775.0	1.10	1.10	1.14
2800.0	9.98	9.87	9.82	9.96	9.82	9.89	0.16	35.56	34.21	34.92	38.60	4.10	2800.0	1.09	1.09	1.14
2825.0	9.99	9.90	9.94	9.98	9.89	9.90	0.19	32.62	43.73	36.33	36.75	3.56	2825.0	1.11	1.09	1.14
2850.0	9.96	9.90	10.00	9.94	9.93	9.94	0.25	36.28	31.20	36.35	35.10	4.04	2850.0	1.15	1.08	1.14
2875.0	9.99	9.93	9.91	9.99	9.87	9.99	0.20	36.15	30.21	34.66	33.73	4.60	2875.0	1.19	1.08	1.13
2900.0	10.04	9.94	9.92	10.06	9.87	9.92	0.23	29.33	35.44	32.36	32.72	3.82	2900.0	1.21	1.08	1.13
2950.0	10.06	10.02	10.14	10.08	10.03	10.07	0.31	28.31	30.78	28.18	31.23	4.61	2950.0	1.24	1.09	1.12
3000.0	10.19	10.11	10.18	10.20	10.08	9.99	0.28	24.50	35.50	25.28	30.27	3.93	3000.0	1.29	1.11	1.12
3050.0	10.19	10.21	10.32	10.21	10.16	10.15	0.40	22.17	30.65	23.13	29.72	4.89	3050.0	1.28	1.16	1.15
3100.0	10.34	10.23	10.47	10.33	10.36	10.12	0.45	21.22	32.15	21.74	29.59	4.07	3100.0	1.29	1.22	1.20

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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