

8 Way-0° Power Splitter/Combiner ZB8PD-ED12909/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)						AMP. UNBAL. (dB)	ISOLATION (dB)				FREQ. (MHz)	VSWR (:1)		
	S-1	S-2	S-3	S-4	S-6	S-8		1-2	1-8	3-4	4-5		S	1	8
180.0	10.60	10.58	10.92	10.90	10.84	10.55	0.36	5.16	20.95	4.87	21.61	180.0	3.47	1.57	1.55
220.0	9.72	9.72	10.04	10.04	9.97	9.68	0.36	5.81	20.90	5.53	21.56	220.0	2.25	1.35	1.34
300.0	9.14	9.14	9.40	9.40	9.30	9.10	0.31	7.32	20.72	7.08	21.22	300.0	1.26	1.13	1.14
420.0	10.52	10.56	10.55	10.60	10.53	10.58	0.07	9.97	21.68	10.27	21.71	420.0	3.14	1.19	1.20
500.0	10.74	10.78	10.57	10.62	10.56	10.82	0.26	11.86	22.99	12.82	22.64	500.0	3.25	1.28	1.29
600.0	10.15	10.20	9.78	9.84	9.77	10.22	0.44	15.00	24.68	18.39	23.98	600.0	2.27	1.29	1.29
675.0	10.02	10.07	9.67	9.71	9.66	10.09	0.44	19.42	26.05	28.17	25.37	675.0	2.06	1.20	1.20
750.0	10.17	10.20	9.96	9.94	9.89	10.22	0.34	25.61	27.72	38.39	27.23	750.0	2.29	1.19	1.19
825.0	10.03	10.08	9.98	9.96	9.91	10.08	0.19	31.85	29.40	33.45	29.10	825.0	2.18	1.26	1.26
900.0	9.62	9.71	9.70	9.69	9.68	9.70	0.09	30.43	30.72	32.12	30.65	900.0	1.70	1.30	1.29
950.0	9.41	9.53	9.53	9.54	9.56	9.51	0.15	27.59	31.33	29.30	31.42	950.0	1.37	1.29	1.27
1000.0	9.33	9.47	9.46	9.49	9.53	9.44	0.20	25.55	32.22	27.81	32.48	1000.0	1.19	1.23	1.22
1050.0	9.38	9.52	9.47	9.53	9.55	9.50	0.17	24.29	32.71	27.68	33.01	1050.0	1.24	1.19	1.17
1100.0	9.43	9.56	9.48	9.55	9.55	9.53	0.13	24.02	33.16	29.09	33.36	1100.0	1.32	1.17	1.15
1150.0	9.46	9.58	9.48	9.56	9.56	9.56	0.13	24.63	33.46	31.22	33.47	1150.0	1.32	1.18	1.15
1200.0	9.45	9.55	9.46	9.54	9.52	9.55	0.11	26.11	33.63	30.09	33.57	1200.0	1.27	1.18	1.16
1250.0	9.50	9.55	9.51	9.55	9.54	9.57	0.08	27.74	33.54	27.07	33.50	1250.0	1.24	1.17	1.15
1300.0	9.54	9.57	9.55	9.58	9.56	9.60	0.06	27.23	33.47	24.82	33.55	1300.0	1.31	1.13	1.13
1350.0	9.59	9.63	9.61	9.64	9.62	9.65	0.05	25.23	33.42	23.68	33.54	1350.0	1.40	1.09	1.11
1400.0	9.61	9.65	9.67	9.70	9.66	9.70	0.09	23.31	33.68	23.90	33.74	1400.0	1.47	1.04	1.09
1450.0	9.59	9.64	9.77	9.74	9.73	9.67	0.20	21.98	33.84	25.08	33.88	1450.0	1.47	1.02	1.07
1500.0	9.58	9.64	9.80	9.78	9.77	9.67	0.23	21.67	34.23	27.60	34.34	1500.0	1.42	1.07	1.06
1550.0	9.59	9.64	9.85	9.80	9.82	9.65	0.26	22.00	34.07	30.53	34.31	1550.0	1.34	1.09	1.05
1600.0	9.62	9.67	9.83	9.80	9.78	9.66	0.21	22.93	34.91	29.99	35.32	1600.0	1.27	1.13	1.07
1650.0	9.66	9.72	9.82	9.78	9.77	9.68	0.16	24.57	35.29	27.56	35.83	1650.0	1.26	1.13	1.09
1700.0	9.63	9.72	9.83	9.80	9.78	9.71	0.20	26.25	36.52	25.45	37.08	1700.0	1.32	1.14	1.11
1750.0	9.62	9.74	9.89	9.84	9.83	9.73	0.27	27.80	37.46	24.18	37.81	1750.0	1.42	1.13	1.13
1800.0	9.61	9.75	10.01	9.90	9.92	9.75	0.40	28.07	39.26	23.43	39.51	1800.0	1.51	1.12	1.14
1850.0	9.63	9.78	10.11	9.96	9.99	9.77	0.48	27.20	41.58	23.38	41.67	1850.0	1.56	1.11	1.13
1900.0	9.65	9.78	10.19	9.99	10.03	9.78	0.53	25.90	47.11	24.16	47.24	1900.0	1.55	1.08	1.11
1950.0	9.68	9.79	10.20	9.99	10.04	9.77	0.52	24.94	58.39	26.06	57.57	1950.0	1.49	1.07	1.08
2000.0	9.70	9.84	10.07	9.98	10.00	9.78	0.37	24.59	48.73	29.43	48.98	2000.0	1.39	1.04	1.04
2050.0	9.70	9.84	9.95	9.92	9.92	9.81	0.24	25.40	41.33	34.79	41.69	2050.0	1.28	1.03	1.02
2100.0	9.68	9.82	9.86	9.87	9.88	9.85	0.20	27.35	37.77	34.76	38.16	2100.0	1.23	1.02	1.06
2200.0	9.78	9.93	9.86	9.92	10.05	9.97	0.34	45.75	32.61	28.65	32.61	2200.0	1.40	1.08	1.14
2300.0	10.11	10.23	10.02	10.07	10.17	10.19	0.23	28.36	29.88	28.71	29.85	2300.0	1.68	1.12	1.17
2400.0	10.26	10.42	10.63	10.79	10.55	10.40	0.57	24.52	27.43	23.12	29.91	2400.0	1.82	1.13	1.16
2500.0	10.35	10.74	10.03	10.21	10.06	10.73	0.95	19.75	26.37	21.19	26.21	2500.0	1.69	1.18	1.20
2600.0	9.95	10.35	10.23	10.03	10.16	10.83	0.88	13.88	25.16	35.40	24.60	2600.0	1.46	1.35	1.34
2700.0	9.67	9.61	10.58	10.57	10.46	10.42	0.97	10.32	24.08	14.46	24.04	2700.0	1.56	1.60	1.56
2800.0	10.73	10.27	11.61	11.35	11.10	10.01	1.60	9.03	24.05	8.83	26.17	2800.0	2.53	1.84	1.82

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss

REV. X2

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