

8 Way-0° Power Splitter/Combiner

ZB8PD-ED11254/1

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	1-7	3-4	5-6			S	1	8
3000.0	9.91	9.98	10.00	9.93	10.04	9.96	0.12	21.39	33.18	21.73	22.33	1.02	3000.0	1.87	1.09	1.08
3050.0	9.85	9.92	9.94	9.88	9.98	9.89	0.13	24.28	33.67	24.74	25.52	1.07	3050.0	1.76	1.07	1.07
3100.0	9.79	9.86	9.88	9.82	9.92	9.83	0.13	27.05	34.36	27.70	27.96	1.09	3100.0	1.67	1.06	1.07
3200.0	9.74	9.81	9.84	9.77	9.87	9.77	0.13	28.38	35.26	29.00	29.04	1.09	3200.0	1.61	1.06	1.07
3300.0	9.71	9.78	9.81	9.74	9.83	9.74	0.13	28.56	36.23	29.15	29.01	1.01	3300.0	1.60	1.07	1.09
3400.0	9.73	9.81	9.83	9.77	9.85	9.76	0.12	27.66	37.29	28.22	27.88	0.92	3400.0	1.62	1.11	1.13
3500.0	9.76	9.83	9.85	9.80	9.86	9.79	0.10	25.00	38.43	25.43	24.78	0.94	3500.0	1.66	1.17	1.19
3600.0	9.84	9.91	9.93	9.88	9.93	9.85	0.09	22.54	39.82	22.83	22.57	0.88	3600.0	1.68	1.22	1.22
3700.0	9.82	9.90	9.92	9.88	9.92	9.83	0.10	21.69	41.51	22.05	21.87	0.90	3700.0	1.65	1.25	1.24
3800.0	9.84	9.92	9.95	9.91	9.95	9.85	0.12	21.82	43.90	22.32	22.05	0.85	3800.0	1.56	1.26	1.25
3900.0	9.78	9.87	9.92	9.88	9.92	9.79	0.14	22.29	46.79	22.95	22.45	0.97	3900.0	1.43	1.25	1.24
4000.0	9.77	9.88	9.93	9.89	9.95	9.79	0.18	22.71	48.55	23.51	22.76	1.18	4000.0	1.32	1.24	1.23
4100.0	9.75	9.86	9.93	9.87	9.96	9.77	0.22	22.79	49.06	23.66	22.68	1.36	4100.0	1.26	1.23	1.22
4200.0	9.79	9.91	9.99	9.91	10.04	9.81	0.25	22.56	48.53	23.43	22.27	1.48	4200.0	1.23	1.23	1.22
4300.0	9.82	9.95	10.04	9.92	10.10	9.84	0.28	22.05	46.70	22.82	21.63	1.55	4300.0	1.22	1.24	1.22
4400.0	9.86	10.00	10.10	9.95	10.15	9.88	0.29	21.62	43.68	22.22	21.13	1.61	4400.0	1.24	1.24	1.22
4500.0	9.90	10.06	10.17	9.97	10.21	9.92	0.31	21.68	41.24	22.06	21.11	1.54	4500.0	1.29	1.24	1.22
4600.0	9.91	10.09	10.19	9.96	10.23	9.92	0.32	22.41	39.31	22.51	21.66	1.43	4600.0	1.34	1.23	1.21
4700.0	9.93	10.14	10.25	9.97	10.28	9.94	0.34	23.89	37.72	23.61	22.82	1.24	4700.0	1.39	1.21	1.18
4800.0	9.91	10.13	10.24	9.94	10.27	9.91	0.36	25.67	36.32	24.95	24.18	1.21	4800.0	1.43	1.16	1.14
4900.0	9.91	10.13	10.23	9.92	10.27	9.91	0.36	27.13	35.21	26.12	25.38	1.29	4900.0	1.44	1.11	1.10
5000.0	9.87	10.08	10.18	9.86	10.22	9.87	0.36	27.91	34.31	26.85	26.16	1.33	5000.0	1.41	1.05	1.06
5100.0	9.83	10.04	10.12	9.82	10.16	9.84	0.34	27.88	33.61	27.01	26.40	1.36	5100.0	1.34	1.04	1.04
5200.0	9.79	9.98	10.04	9.77	10.08	9.80	0.31	26.88	33.03	26.43	25.94	1.31	5200.0	1.29	1.03	1.04
5300.0	9.78	9.95	9.99	9.75	10.02	9.80	0.27	25.35	32.57	25.42	25.04	1.26	5300.0	1.26	1.03	1.03
5400.0	9.78	9.93	9.95	9.75	9.97	9.81	0.22	23.98	32.20	24.45	24.12	1.31	5400.0	1.25	1.03	1.04
5500.0	9.79	9.91	9.91	9.76	9.93	9.83	0.17	23.14	31.90	23.80	23.44	1.44	5500.0	1.24	1.05	1.05
5600.0	9.80	9.90	9.89	9.79	9.91	9.85	0.15	22.98	31.71	23.54	23.08	1.50	5600.0	1.23	1.07	1.07
5700.0	9.82	9.90	9.88	9.84	9.90	9.88	0.13	23.06	31.67	23.38	22.82	1.63	5700.0	1.21	1.09	1.09
5800.0	9.85	9.91	9.89	9.90	9.90	9.90	0.11	22.79	31.80	22.91	22.31	1.74	5800.0	1.21	1.12	1.12
5900.0	9.89	9.94	9.92	9.98	9.92	9.94	0.13	22.28	32.07	22.24	21.64	1.89	5900.0	1.22	1.16	1.17
6000.0	9.97	10.01	9.99	10.09	9.97	10.00	0.16	21.36	32.44	21.21	20.66	1.98	6000.0	1.24	1.21	1.21
6080.0	10.05	10.09	10.06	10.19	10.03	10.06	0.20	19.97	32.85	19.83	19.38	2.17	6080.0	1.30	1.25	1.25
6140.0	10.12	10.16	10.12	10.29	10.10	10.12	0.24	18.54	33.24	18.48	18.13	2.39	6140.0	1.41	1.27	1.26
6200.0	10.21	10.25	10.20	10.40	10.18	10.20	0.27	17.59	33.59	17.59	17.28	2.53	6200.0	1.50	1.27	1.26
6260.0	10.29	10.33	10.27	10.49	10.25	10.27	0.31	16.85	33.91	16.89	16.60	2.66	6260.0	1.57	1.26	1.25
6320.0	10.32	10.36	10.28	10.53	10.27	10.30	0.34	16.30	34.13	16.35	16.08	2.80	6320.0	1.62	1.24	1.23
6380.0	10.35	10.39	10.29	10.57	10.29	10.33	0.36	15.97	34.32	16.01	15.77	2.96	6380.0	1.63	1.21	1.20
6440.0	10.37	10.42	10.31	10.59	10.31	10.36	0.38	15.81	34.45	15.84	15.59	3.07	6440.0	1.63	1.19	1.18
6500.0	10.37	10.41	10.29	10.59	10.30	10.35	0.40	15.73	34.50	15.74	15.50	3.14	6500.0	1.62	1.17	1.16

¹ Total Loss = Insertion Loss+ 9dB Splitter Loss

REV. X2

ZB8PD-ED11254/1

100629

Page 1 of 1



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