

6 Way-0° Power Splitter/Combiner

ZB6PD1-900

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	4-6			S	1	3
800.0	8.22	8.08	8.11	0.26	36.28	27.33	27.24	1.57	800.0	1.32	1.10	1.08
802.5	8.22	8.10	8.12	0.25	37.00	27.56	27.45	1.66	802.5	1.31	1.10	1.09
805.0	8.22	8.11	8.12	0.25	37.67	27.79	27.65	1.56	805.0	1.31	1.11	1.09
807.5	8.21	8.11	8.12	0.24	38.40	28.01	27.91	1.58	807.5	1.30	1.11	1.09
810.0	8.21	8.09	8.11	0.24	39.33	28.25	28.14	1.49	810.0	1.29	1.11	1.10
812.5	8.21	8.10	8.11	0.23	40.22	28.50	28.40	1.55	812.5	1.29	1.12	1.10
815.0	8.23	8.13	8.12	0.24	41.16	28.78	28.67	1.61	815.0	1.28	1.12	1.10
817.5	8.23	8.12	8.12	0.25	42.31	29.05	28.94	1.51	817.5	1.28	1.12	1.11
820.0	8.22	8.12	8.13	0.22	43.25	29.34	29.25	1.52	820.0	1.27	1.12	1.11
822.5	8.25	8.14	8.13	0.24	44.32	29.62	29.51	1.44	822.5	1.27	1.13	1.11
825.0	8.23	8.12	8.12	0.22	45.05	29.95	29.83	1.76	825.0	1.26	1.13	1.12
827.5	8.26	8.12	8.13	0.24	45.51	30.28	30.13	1.68	827.5	1.26	1.13	1.12
830.0	8.24	8.15	8.14	0.22	45.50	30.61	30.47	1.68	830.0	1.25	1.13	1.12
832.5	8.23	8.12	8.11	0.24	44.80	30.97	30.85	1.66	832.5	1.25	1.14	1.13
835.0	8.24	8.15	8.13	0.21	44.01	31.33	31.17	1.54	835.0	1.24	1.14	1.13
837.5	8.24	8.14	8.14	0.24	42.99	31.72	31.59	1.63	837.5	1.24	1.14	1.13
840.0	8.23	8.13	8.13	0.22	41.92	32.13	31.98	1.54	840.0	1.23	1.14	1.13
842.5	8.22	8.12	8.13	0.23	40.72	32.56	32.39	1.54	842.5	1.22	1.14	1.13
845.0	8.23	8.13	8.12	0.21	39.74	33.02	32.85	1.57	845.0	1.21	1.14	1.13
847.5	8.21	8.12	8.11	0.22	38.89	33.44	33.32	1.59	847.5	1.21	1.14	1.13
850.0	8.21	8.11	8.11	0.22	37.88	33.94	33.83	1.56	850.0	1.20	1.14	1.13
852.5	8.19	8.11	8.10	0.21	37.09	34.50	34.39	1.66	852.5	1.19	1.14	1.13
855.0	8.17	8.08	8.08	0.20	36.26	35.13	34.87	1.59	855.0	1.18	1.13	1.13
857.5	8.17	8.08	8.07	0.22	35.62	35.76	35.58	1.60	857.5	1.17	1.13	1.13
860.0	8.13	8.06	8.05	0.20	34.85	36.40	36.19	1.70	860.0	1.16	1.13	1.13
862.5	8.12	8.04	8.03	0.21	34.22	37.10	36.93	1.63	862.5	1.16	1.13	1.12
865.0	8.11	8.02	8.00	0.22	33.60	37.90	37.67	1.73	865.0	1.15	1.13	1.12
867.5	8.08	8.01	8.03	0.20	33.08	38.85	38.63	1.69	867.5	1.15	1.13	1.12
870.0	8.09	8.01	7.99	0.21	32.52	39.87	39.51	1.64	870.0	1.14	1.13	1.12
872.5	8.06	7.99	8.00	0.21	32.02	40.88	40.69	1.66	872.5	1.14	1.13	1.12
875.0	8.06	8.00	8.00	0.20	31.50	42.39	41.77	1.56	875.0	1.14	1.13	1.12
877.5	8.08	8.01	8.00	0.20	31.09	44.08	43.37	1.60	877.5	1.14	1.13	1.12
880.0	8.10	8.04	8.03	0.21	30.67	46.16	45.19	1.42	880.0	1.15	1.13	1.13
882.5	8.10	8.05	8.04	0.18	30.28	48.77	46.90	1.46	882.5	1.15	1.14	1.13
885.0	8.12	8.06	8.04	0.18	29.90	52.33	49.23	1.42	885.0	1.15	1.14	1.13
887.5	8.11	8.06	8.06	0.17	29.54	58.22	50.58	1.40	887.5	1.16	1.14	1.14
890.0	8.12	8.08	8.07	0.18	29.21	60.96	50.85	1.42	890.0	1.16	1.15	1.14
892.5	8.14	8.10	8.05	0.17	28.83	54.41	49.18	1.48	892.5	1.17	1.15	1.14
895.0	8.16	8.11	8.08	0.18	28.50	50.10	47.30	1.45	895.0	1.18	1.16	1.15
897.5	8.15	8.09	8.06	0.19	28.18	46.95	45.20	1.44	897.5	1.18	1.16	1.15
900.0	8.16	8.11	8.07	0.19	27.85	44.74	43.51	1.50	900.0	1.19	1.17	1.16

¹ Total Loss = Insertion Loss+ 7.8dB Splitter Loss

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