

4 Way-0° Power Splitter/Combiner

ZB4PD-ED10581/1

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		1-2	2-3	3-4			S	1	2	3	4
600.0	6.51	6.48	6.51	6.49	0.03	23.63	21.10	24.12	0.24	600.0	1.66	1.12	1.11	1.11	1.10
622.0	6.50	6.47	6.50	6.48	0.03	24.19	21.88	24.71	0.20	622.0	1.62	1.11	1.11	1.10	1.10
644.0	6.47	6.44	6.47	6.45	0.04	24.72	22.72	25.26	0.24	644.0	1.58	1.10	1.10	1.09	1.09
666.0	6.42	6.39	6.43	6.41	0.04	25.30	23.66	25.84	0.24	666.0	1.52	1.09	1.09	1.08	1.08
688.0	6.39	6.36	6.40	6.38	0.04	26.04	24.73	26.57	0.26	688.0	1.45	1.08	1.08	1.08	1.07
710.0	6.35	6.33	6.37	6.33	0.04	26.98	25.95	27.46	0.27	710.0	1.38	1.07	1.07	1.07	1.06
732.0	6.32	6.29	6.33	6.30	0.04	28.14	27.32	28.56	0.31	732.0	1.31	1.06	1.07	1.06	1.05
754.0	6.29	6.26	6.30	6.28	0.03	29.59	28.97	29.89	0.33	754.0	1.24	1.05	1.06	1.06	1.05
776.0	6.26	6.24	6.27	6.25	0.03	31.25	30.85	31.32	0.36	776.0	1.18	1.05	1.06	1.05	1.04
798.0	6.24	6.22	6.26	6.23	0.05	33.13	32.99	32.76	0.37	798.0	1.13	1.04	1.05	1.05	1.04
820.0	6.25	6.23	6.27	6.23	0.04	34.84	35.13	33.81	0.35	820.0	1.10	1.04	1.05	1.05	1.04
824.0	6.23	6.22	6.26	6.22	0.04	35.08	35.44	33.89	0.36	824.0	1.09	1.04	1.05	1.05	1.04
829.0	6.24	6.24	6.27	6.24	0.03	35.32	35.86	33.96	0.29	829.0	1.09	1.04	1.05	1.05	1.04
834.0	6.25	6.23	6.27	6.24	0.04	35.52	36.16	34.03	0.34	834.0	1.09	1.04	1.05	1.05	1.04
839.0	6.24	6.23	6.27	6.23	0.04	35.70	36.20	34.10	0.35	839.0	1.10	1.05	1.05	1.05	1.04
844.0	6.25	6.23	6.26	6.23	0.04	35.77	36.24	34.05	0.40	844.0	1.10	1.05	1.05	1.05	1.04
849.0	6.25	6.23	6.27	6.23	0.04	35.67	36.21	33.94	0.35	849.0	1.10	1.05	1.05	1.05	1.05
854.0	6.25	6.23	6.26	6.23	0.03	35.64	36.04	33.85	0.34	854.0	1.11	1.05	1.06	1.05	1.05
859.0	6.24	6.22	6.26	6.22	0.04	35.58	35.75	33.74	0.40	859.0	1.12	1.05	1.06	1.05	1.05
864.0	6.24	6.23	6.25	6.23	0.03	35.45	35.36	33.61	0.37	864.0	1.12	1.05	1.06	1.06	1.05
869.0	6.25	6.23	6.25	6.23	0.02	35.32	34.97	33.47	0.39	869.0	1.13	1.05	1.06	1.06	1.05
874.0	6.25	6.23	6.26	6.23	0.03	35.08	34.52	33.30	0.42	874.0	1.14	1.05	1.06	1.06	1.05
879.0	6.25	6.23	6.26	6.23	0.03	34.90	34.04	33.15	0.39	879.0	1.15	1.05	1.06	1.06	1.05
884.0	6.25	6.24	6.27	6.24	0.03	34.71	33.55	33.01	0.38	884.0	1.15	1.05	1.06	1.06	1.05
889.0	6.26	6.24	6.27	6.24	0.03	34.48	33.07	32.88	0.34	889.0	1.16	1.05	1.06	1.06	1.05
894.0	6.27	6.24	6.28	6.25	0.03	34.34	32.56	32.73	0.35	894.0	1.17	1.05	1.06	1.06	1.05
900.0	6.28	6.27	6.30	6.26	0.04	34.04	32.01	32.61	0.35	900.0	1.18	1.06	1.06	1.06	1.05
920.0	6.28	6.28	6.30	6.27	0.04	33.45	30.29	32.20	0.32	920.0	1.20	1.06	1.06	1.06	1.06
940.0	6.29	6.28	6.32	6.27	0.05	32.97	28.69	31.99	0.38	940.0	1.22	1.07	1.07	1.07	1.06
960.0	6.31	6.28	6.32	6.27	0.04	32.63	27.35	31.92	0.37	960.0	1.23	1.07	1.07	1.07	1.07
980.0	6.30	6.29	6.31	6.27	0.04	32.29	26.20	31.95	0.38	980.0	1.23	1.08	1.08	1.08	1.07
1000.0	6.29	6.29	6.31	6.27	0.04	31.72	25.13	31.82	0.39	1000.0	1.22	1.08	1.08	1.08	1.08
1020.0	6.30	6.29	6.33	6.28	0.05	30.88	24.25	31.33	0.40	1020.0	1.20	1.09	1.09	1.09	1.08
1040.0	6.29	6.28	6.31	6.27	0.04	29.55	23.42	30.26	0.41	1040.0	1.17	1.10	1.10	1.10	1.09
1060.0	6.27	6.27	6.31	6.25	0.06	28.02	22.67	28.79	0.40	1060.0	1.15	1.11	1.11	1.11	1.10
1080.0	6.28	6.28	6.31	6.26	0.05	26.35	22.01	27.09	0.44	1080.0	1.14	1.13	1.12	1.12	1.12
1100.0	6.29	6.29	6.32	6.26	0.06	24.66	21.42	25.31	0.41	1100.0	1.15	1.14	1.14	1.14	1.13
1125.0	6.32	6.32	6.34	6.28	0.06	22.70	20.73	23.21	0.48	1125.0	1.21	1.17	1.16	1.16	1.15
1150.0	6.38	6.38	6.40	6.34	0.06	20.93	20.13	21.34	0.46	1150.0	1.30	1.19	1.19	1.18	1.18
1175.0	6.47	6.49	6.50	6.43	0.07	19.36	19.59	19.68	0.46	1175.0	1.43	1.22	1.22	1.21	1.21
1200.0	6.59	6.61	6.62	6.55	0.07	17.99	19.11	18.26	0.45	1200.0	1.57	1.26	1.25	1.25	1.24

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

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