

4 Way-0° Power Splitter/Combiner ZB4PD-ED10783/1

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	1-3	3-4			S	1	2	3	4
600.0	6.32	6.30	6.45	6.53	0.24	14.00	20.12	13.61	1.13	600.0	1.48	1.18	1.19	1.22	1.19
610.0	6.31	6.29	6.43	6.52	0.24	14.38	20.33	13.97	1.16	610.0	1.45	1.18	1.19	1.22	1.19
620.0	6.29	6.26	6.42	6.51	0.24	14.76	20.57	14.35	1.15	620.0	1.42	1.18	1.19	1.22	1.19
630.0	6.26	6.24	6.40	6.48	0.24	15.16	20.80	14.72	1.13	630.0	1.39	1.18	1.19	1.22	1.19
640.0	6.24	6.22	6.38	6.46	0.24	15.54	21.05	15.10	1.26	640.0	1.36	1.18	1.19	1.22	1.19
650.0	6.22	6.21	6.36	6.44	0.23	15.96	21.29	15.50	1.24	650.0	1.33	1.18	1.18	1.22	1.19
671.0	6.19	6.17	6.32	6.40	0.23	16.87	21.85	16.37	1.23	671.0	1.27	1.18	1.18	1.22	1.19
692.0	6.18	6.16	6.32	6.40	0.24	17.86	22.49	17.32	1.30	692.0	1.22	1.18	1.18	1.22	1.19
713.0	6.17	6.16	6.32	6.39	0.24	18.93	23.16	18.35	1.30	713.0	1.18	1.18	1.18	1.22	1.19
734.0	6.17	6.15	6.32	6.37	0.23	20.10	23.91	19.47	1.38	734.0	1.15	1.18	1.18	1.22	1.19
755.0	6.15	6.14	6.31	6.37	0.23	21.43	24.70	20.73	1.39	755.0	1.12	1.18	1.17	1.22	1.19
776.0	6.15	6.15	6.30	6.36	0.21	22.99	25.59	22.19	1.46	776.0	1.10	1.17	1.16	1.21	1.19
797.0	6.14	6.14	6.30	6.35	0.20	24.85	26.59	23.93	1.49	797.0	1.09	1.16	1.15	1.19	1.18
818.0	6.17	6.17	6.33	6.37	0.21	27.24	27.72	26.07	1.57	818.0	1.08	1.15	1.14	1.18	1.16
839.0	6.20	6.20	6.37	6.40	0.20	30.28	29.00	28.75	1.66	839.0	1.07	1.14	1.13	1.17	1.15
860.0	6.18	6.20	6.35	6.37	0.19	33.75	30.30	31.80	1.61	860.0	1.06	1.12	1.11	1.15	1.14
869.0	6.16	6.18	6.33	6.35	0.19	34.62	30.90	32.81	1.59	869.0	1.06	1.11	1.10	1.14	1.13
874.0	6.15	6.16	6.32	6.34	0.19	34.79	31.21	33.16	1.55	874.0	1.06	1.11	1.09	1.13	1.12
879.0	6.15	6.17	6.31	6.34	0.18	34.50	31.59	33.28	1.57	879.0	1.06	1.10	1.09	1.13	1.12
884.0	6.15	6.17	6.32	6.34	0.19	33.96	31.91	33.17	1.54	884.0	1.06	1.10	1.08	1.12	1.11
889.0	6.16	6.17	6.33	6.34	0.18	33.20	32.20	32.82	1.58	889.0	1.06	1.09	1.07	1.12	1.11
894.0	6.17	6.18	6.33	6.34	0.17	32.35	32.58	32.23	1.62	894.0	1.06	1.09	1.07	1.11	1.10
900.0	6.16	6.19	6.34	6.35	0.19	31.27	32.94	31.42	1.56	900.0	1.06	1.08	1.06	1.10	1.10
911.0	6.19	6.22	6.37	6.38	0.18	29.39	33.55	29.74	1.59	911.0	1.08	1.07	1.05	1.09	1.08
922.0	6.22	6.25	6.40	6.41	0.20	27.65	34.00	28.08	1.63	922.0	1.10	1.07	1.03	1.08	1.07
933.0	6.23	6.26	6.42	6.42	0.19	26.18	34.27	26.59	1.59	933.0	1.12	1.07	1.03	1.07	1.07
944.0	6.25	6.28	6.43	6.42	0.18	24.84	34.24	25.22	1.61	944.0	1.15	1.07	1.03	1.06	1.06
955.0	6.26	6.29	6.44	6.43	0.18	23.67	33.99	24.03	1.58	955.0	1.19	1.08	1.04	1.06	1.07
966.0	6.26	6.30	6.45	6.43	0.19	22.62	33.56	22.94	1.56	966.0	1.23	1.09	1.06	1.07	1.07
977.0	6.26	6.31	6.46	6.43	0.20	21.65	32.95	21.95	1.54	977.0	1.28	1.10	1.08	1.08	1.09
988.0	6.28	6.33	6.47	6.45	0.19	20.76	32.29	21.05	1.47	988.0	1.33	1.12	1.10	1.10	1.10
999.0	6.29	6.35	6.50	6.46	0.21	20.00	31.62	20.26	1.49	999.0	1.39	1.15	1.13	1.12	1.12
1010.0	6.33	6.38	6.55	6.51	0.22	19.29	30.99	19.54	1.45	1010.0	1.46	1.17	1.15	1.15	1.15
1015.0	6.37	6.41	6.58	6.54	0.20	19.01	30.69	19.26	1.47	1015.0	1.49	1.18	1.17	1.16	1.16
1020.0	6.39	6.44	6.61	6.57	0.21	18.73	30.43	18.97	1.50	1020.0	1.52	1.20	1.18	1.17	1.17
1030.0	6.45	6.51	6.68	6.62	0.22	18.21	29.87	18.43	1.52	1030.0	1.59	1.22	1.21	1.20	1.20
1034.0	6.47	6.53	6.69	6.64	0.22	18.01	29.67	18.22	1.53	1034.0	1.62	1.23	1.22	1.21	1.21
1038.0	6.51	6.56	6.73	6.67	0.22	17.82	29.48	18.03	1.44	1038.0	1.65	1.24	1.23	1.22	1.22
1042.0	6.52	6.58	6.74	6.69	0.22	17.62	29.29	17.83	1.51	1042.0	1.68	1.26	1.24	1.23	1.23
1046.0	6.54	6.59	6.76	6.69	0.22	17.44	29.06	17.63	1.43	1046.0	1.72	1.27	1.25	1.24	1.24
1050.0	6.55	6.62	6.77	6.72	0.22	17.24	28.87	17.45	1.46	1050.0	1.75	1.28	1.26	1.26	1.25

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

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