

4 Way-0° Power Splitter/Combiner ZB4PD-ED10317/1

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		1-2	1-3	3-4		S	1	2	3	4
460.0	6.24	6.24	6.24	6.28	0.04	11.89	18.42	11.83	460.0	1.32	1.20	1.17	1.18	1.20
480.0	6.22	6.22	6.21	6.26	0.05	12.29	18.69	12.24	480.0	1.24	1.18	1.16	1.17	1.18
500.0	6.20	6.21	6.20	6.25	0.05	12.85	19.06	12.80	500.0	1.17	1.17	1.14	1.16	1.16
520.0	6.19	6.21	6.20	6.25	0.05	13.42	19.43	13.36	520.0	1.12	1.15	1.13	1.14	1.14
540.0	6.18	6.20	6.19	6.24	0.06	14.02	19.82	13.95	540.0	1.07	1.13	1.11	1.13	1.12
560.0	6.17	6.20	6.19	6.24	0.06	14.65	20.24	14.59	560.0	1.04	1.11	1.09	1.11	1.10
580.0	6.18	6.21	6.20	6.24	0.06	15.33	20.67	15.26	580.0	1.04	1.09	1.08	1.09	1.08
600.0	6.18	6.22	6.20	6.25	0.07	16.04	21.13	15.97	600.0	1.05	1.07	1.06	1.08	1.06
620.0	6.17	6.22	6.20	6.24	0.07	16.81	21.59	16.74	620.0	1.06	1.06	1.04	1.06	1.04
640.0	6.17	6.22	6.20	6.24	0.07	17.63	22.07	17.57	640.0	1.07	1.04	1.03	1.05	1.03
660.0	6.18	6.23	6.21	6.25	0.07	18.53	22.59	18.48	660.0	1.08	1.04	1.03	1.04	1.03
680.0	6.18	6.24	6.22	6.26	0.07	20.06	23.41	20.03	680.0	1.08	1.04	1.04	1.04	1.04
700.0	6.19	6.25	6.23	6.26	0.07	20.76	23.77	20.76	700.0	1.08	1.06	1.06	1.05	1.06
750.0	6.20	6.26	6.24	6.27	0.07	23.50	25.13	23.64	750.0	1.07	1.10	1.10	1.09	1.11
800.0	6.22	6.27	6.26	6.29	0.06	26.49	26.64	26.95	800.0	1.06	1.14	1.13	1.12	1.15
850.0	6.25	6.30	6.28	6.31	0.06	29.05	28.88	29.93	850.0	1.08	1.17	1.16	1.15	1.18
900.0	6.26	6.30	6.29	6.32	0.06	29.58	29.83	30.55	900.0	1.11	1.19	1.18	1.16	1.20
1000.0	6.30	6.36	6.34	6.37	0.06	29.98	33.73	31.01	1000.0	1.22	1.21	1.22	1.20	1.23
1100.0	6.36	6.43	6.41	6.42	0.07	28.29	40.32	29.07	1100.0	1.35	1.27	1.28	1.26	1.28
1200.0	6.39	6.49	6.47	6.46	0.10	25.82	42.36	26.31	1200.0	1.38	1.30	1.34	1.32	1.31
1300.0	6.35	6.49	6.46	6.43	0.14	24.27	37.69	24.50	1300.0	1.23	1.23	1.33	1.30	1.25
1400.0	6.34	6.50	6.48	6.42	0.16	24.85	30.87	24.83	1400.0	1.04	1.11	1.23	1.20	1.12
1500.0	6.42	6.59	6.57	6.49	0.17	27.40	27.48	27.26	1500.0	1.32	1.10	1.17	1.17	1.09
1600.0	6.50	6.66	6.65	6.57	0.16	30.59	25.73	30.73	1600.0	1.43	1.14	1.20	1.21	1.12
1700.0	6.48	6.63	6.63	6.56	0.15	34.01	25.10	34.84	1700.0	1.23	1.10	1.15	1.18	1.08
1800.0	6.47	6.60	6.62	6.55	0.15	33.15	25.61	34.42	1800.0	1.14	1.15	1.11	1.18	1.13
1900.0	6.51	6.65	6.68	6.60	0.17	27.67	27.58	28.90	1900.0	1.37	1.21	1.22	1.29	1.20
2000.0	6.54	6.71	6.73	6.63	0.19	23.22	30.74	24.05	2000.0	1.28	1.18	1.25	1.33	1.18
2100.0	6.55	6.73	6.75	6.64	0.20	22.52	31.30	23.30	2100.0	1.25	1.34	1.25	1.29	1.33
2150.0	6.75	6.95	6.97	6.84	0.22	23.50	30.50	24.32	2150.0	1.54	1.49	1.35	1.36	1.48
2200.0	6.83	7.04	7.05	6.92	0.22	24.35	29.51	25.21	2200.0	1.87	1.61	1.50	1.50	1.61
2215.0	7.06	7.27	7.28	7.15	0.22	27.17	27.08	28.19	2215.0	1.96	1.63	1.54	1.54	1.63
2230.0	7.08	7.31	7.31	7.18	0.23	29.28	26.22	30.49	2230.0	2.05	1.64	1.59	1.58	1.64
2245.0	7.06	7.29	7.30	7.17	0.23	32.32	25.4	33.83	2245.0	2.12	1.65	1.63	1.62	1.65
2260.0	7.10	7.33	7.33	7.21	0.24	36.55	24.71	37.92	2260.0	2.17	1.64	1.66	1.66	1.64
2275.0	7.24	7.47	7.48	7.36	0.24	38.58	24.12	38.82	2275.0	2.21	1.63	1.69	1.69	1.64
2290.0	7.38	7.62	7.62	7.5	0.24	36.11	23.54	35.38	2290.0	2.22	1.61	1.71	1.71	1.62
2305.0	7.41	7.65	7.64	7.54	0.24	31.36	22.89	30.84	2305.0	2.22	1.58	1.72	1.73	1.59
2320.0	7.33	7.57	7.56	7.47	0.24	27.70	22.22	27.46	2320.0	2.20	1.55	1.72	1.73	1.56
2335.0	7.23	7.47	7.46	7.38	0.24	24.98	21.60	24.90	2335.0	2.18	1.5	1.71	1.73	1.53
2350.0	7.18	7.42	7.41	7.33	0.24	23.35	21.20	23.34	2350.0	2.14	1.47	1.69	1.71	1.49

¹ Total Loss = Insertion Loss + 6dB Splitter Loss

REV. X2

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