

2 Way-90° Power Splitter/Combiner

ZAPDQ-4

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	AVG.					S	1	2
2000.0	3.31	3.40	3.36	0.08	24.36	85.56	2000.0	1.30	1.10	1.19
2055.0	3.28	3.32	3.30	0.04	24.90	85.28	2055.0	1.28	1.07	1.20
2110.0	3.36	3.37	3.37	0.01	25.47	84.84	2110.0	1.26	1.04	1.20
2165.0	3.34	3.41	3.38	0.07	26.03	84.27	2165.0	1.23	1.01	1.20
2220.0	3.26	3.33	3.30	0.07	26.59	84.33	2220.0	1.21	1.01	1.20
2275.0	3.31	3.36	3.34	0.05	27.25	84.37	2275.0	1.18	1.03	1.21
2330.0	3.34	3.35	3.35	0.00	27.84	83.91	2330.0	1.16	1.06	1.21
2385.0	3.30	3.33	3.32	0.03	28.50	83.73	2385.0	1.14	1.08	1.21
2440.0	3.26	3.34	3.30	0.08	29.06	83.65	2440.0	1.12	1.10	1.21
2495.0	3.33	3.36	3.35	0.03	29.79	83.83	2495.0	1.10	1.11	1.21
2550.0	3.34	3.34	3.34	0.00	30.45	83.54	2550.0	1.07	1.13	1.20
2605.0	3.28	3.30	3.29	0.02	30.97	83.26	2605.0	1.05	1.15	1.20
2660.0	3.28	3.35	3.32	0.06	31.60	83.42	2660.0	1.04	1.16	1.20
2715.0	3.32	3.36	3.34	0.05	32.16	83.43	2715.0	1.02	1.18	1.20
2770.0	3.36	3.36	3.36	0.00	32.70	83.47	2770.0	1.02	1.19	1.19
2825.0	3.28	3.30	3.29	0.02	32.99	83.09	2825.0	1.03	1.20	1.19
2880.0	3.29	3.33	3.31	0.04	33.28	83.28	2880.0	1.05	1.21	1.19
2935.0	3.33	3.40	3.37	0.06	33.53	83.36	2935.0	1.06	1.22	1.18
2990.0	3.39	3.41	3.40	0.03	33.67	83.60	2990.0	1.08	1.22	1.18
3045.0	3.30	3.32	3.31	0.02	33.42	83.38	3045.0	1.10	1.23	1.17
3100.0	3.32	3.35	3.34	0.03	33.35	83.33	3100.0	1.11	1.23	1.17
3155.0	3.34	3.44	3.39	0.10	33.23	83.29	3155.0	1.13	1.23	1.16
3210.0	3.37	3.44	3.41	0.07	33.09	83.82	3210.0	1.14	1.23	1.15
3265.0	3.31	3.39	3.35	0.07	32.97	83.91	3265.0	1.16	1.23	1.14
3320.0	3.31	3.38	3.35	0.07	33.38	83.83	3320.0	1.17	1.23	1.14
3375.0	3.33	3.48	3.41	0.15	35.36	84.28	3375.0	1.18	1.25	1.14
3430.0	3.40	3.49	3.45	0.08	34.97	85.05	3430.0	1.20	1.30	1.15
3485.0	3.42	3.40	3.41	0.02	31.90	84.81	3485.0	1.21	1.29	1.14
3540.0	3.35	3.35	3.35	0.00	30.67	84.52	3540.0	1.22	1.29	1.13
3595.0	3.41	3.46	3.44	0.04	29.99	84.46	3595.0	1.23	1.27	1.12
3650.0	3.43	3.50	3.47	0.07	29.59	85.06	3650.0	1.24	1.27	1.12
3705.0	3.43	3.44	3.44	0.01	29.27	85.24	3705.0	1.25	1.26	1.11
3760.0	3.34	3.35	3.35	0.01	28.73	85.25	3760.0	1.25	1.26	1.11
3815.0	3.43	3.45	3.44	0.02	28.42	84.98	3815.0	1.26	1.25	1.11
3870.0	3.43	3.52	3.48	0.08	28.20	85.45	3870.0	1.26	1.25	1.11
3925.0	3.36	3.44	3.40	0.07	27.94	85.82	3925.0	1.27	1.24	1.11
3980.0	3.36	3.40	3.38	0.04	27.55	86.03	3980.0	1.27	1.24	1.11
4035.0	3.43	3.44	3.44	0.01	27.32	85.79	4035.0	1.27	1.23	1.11
4090.0	3.42	3.55	3.49	0.13	27.20	85.95	4090.0	1.27	1.23	1.11
4145.0	3.36	3.47	3.42	0.11	26.98	86.84	4145.0	1.27	1.22	1.12
4200.0	3.42	3.45	3.44	0.03	26.77	87.16	4200.0	1.27	1.21	1.13

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

REV. X2
ZAPDQ-4
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Page 1 of 1