

# 4 Way-0° Power Splitter/Combiner ZB4CS-870-10W

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (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
570.0	6.34	6.36	6.32	6.31	0.05	27.74	35.22	28.08	0.61	570.0	1.21	1.21	1.19	1.21	1.22
580.0	6.32	6.35	6.30	6.29	0.06	27.21	34.80	27.46	0.65	580.0	1.16	1.20	1.18	1.19	1.19
590.0	6.32	6.34	6.30	6.29	0.05	26.60	34.35	26.81	0.65	590.0	1.12	1.18	1.16	1.17	1.16
600.0	6.32	6.34	6.30	6.29	0.05	25.94	33.73	26.12	0.66	600.0	1.08	1.18	1.15	1.16	1.16
610.0	6.31	6.34	6.29	6.29	0.05	25.37	33.07	25.51	0.64	610.0	1.04	1.18	1.16	1.15	1.15
620.0	6.32	6.34	6.30	6.29	0.06	24.90	32.42	25.00	0.66	620.0	1.01	1.15	1.14	1.14	1.15
630.0	6.33	6.36	6.30	6.29	0.07	24.63	31.87	24.64	0.69	630.0	1.01	1.12	1.11	1.12	1.14
640.0	6.34	6.37	6.31	6.30	0.07	24.43	31.43	24.43	0.63	640.0	1.04	1.13	1.11	1.12	1.15
650.0	6.35	6.37	6.32	6.31	0.07	24.28	31.06	24.26	0.63	650.0	1.09	1.15	1.13	1.12	1.15
660.0	6.36	6.38	6.33	6.32	0.06	24.20	30.79	24.16	0.70	660.0	1.13	1.14	1.12	1.12	1.15
670.0	6.36	6.39	6.34	6.32	0.06	24.17	30.62	24.13	0.65	670.0	1.14	1.11	1.09	1.12	1.14
680.0	6.36	6.39	6.35	6.33	0.06	24.14	30.56	24.09	0.73	680.0	1.13	1.11	1.11	1.12	1.13
690.0	6.39	6.42	6.35	6.34	0.08	24.23	30.37	24.19	0.63	690.0	1.12	1.14	1.13	1.12	1.13
700.0	6.38	6.41	6.35	6.34	0.07	24.38	30.25	24.34	0.64	700.0	1.14	1.14	1.11	1.12	1.12
705.0	6.37	6.41	6.36	6.33	0.07	24.46	30.17	24.44	0.66	705.0	1.16	1.13	1.09	1.11	1.11
710.0	6.36	6.40	6.36	6.34	0.07	24.61	30.09	24.59	0.63	710.0	1.17	1.11	1.09	1.11	1.10
715.0	6.37	6.41	6.36	6.34	0.06	24.73	30.04	24.75	0.67	715.0	1.17	1.10	1.10	1.11	1.09
720.0	6.38	6.42	6.37	6.34	0.07	24.87	30.06	24.91	0.64	720.0	1.17	1.10	1.12	1.11	1.09
725.0	6.38	6.42	6.38	6.35	0.08	25.00	30.04	25.07	0.69	725.0	1.17	1.11	1.13	1.11	1.09
730.0	6.39	6.42	6.37	6.36	0.07	25.15	30.09	25.23	0.71	730.0	1.16	1.13	1.13	1.11	1.09
735.0	6.39	6.42	6.38	6.36	0.06	25.26	30.13	25.38	0.71	735.0	1.15	1.14	1.12	1.10	1.09
740.0	6.39	6.42	6.37	6.35	0.07	25.37	30.17	25.58	0.76	740.0	1.13	1.14	1.10	1.10	1.09
745.0	6.39	6.42	6.38	6.36	0.06	25.47	30.27	25.69	0.67	745.0	1.13	1.13	1.09	1.09	1.10
750.0	6.38	6.42	6.38	6.35	0.06	25.56	30.37	25.90	0.64	750.0	1.12	1.11	1.09	1.09	1.10
755.0	6.37	6.42	6.38	6.35	0.07	25.64	30.47	26.03	0.66	755.0	1.13	1.10	1.10	1.09	1.10
760.0	6.37	6.42	6.38	6.35	0.07	25.78	30.53	26.21	0.71	760.0	1.13	1.09	1.11	1.09	1.10
765.0	6.38	6.43	6.38	6.35	0.08	25.85	30.71	26.35	0.72	765.0	1.13	1.09	1.12	1.10	1.11
770.0	6.37	6.42	6.39	6.35	0.07	25.93	30.83	26.52	0.68	770.0	1.13	1.10	1.11	1.10	1.11
775.0	6.37	6.42	6.38	6.36	0.07	25.98	30.89	26.68	0.71	775.0	1.13	1.11	1.10	1.10	1.11
780.0	6.38	6.43	6.39	6.36	0.06	26.05	31.03	26.81	0.78	780.0	1.12	1.12	1.08	1.10	1.11
785.0	6.39	6.43	6.39	6.36	0.07	26.04	31.16	26.98	0.76	785.0	1.11	1.11	1.06	1.10	1.11
790.0	6.38	6.43	6.39	6.36	0.07	26.06	31.32	27.01	0.76	790.0	1.10	1.10	1.06	1.09	1.11
800.0	6.39	6.43	6.39	6.37	0.07	25.96	31.75	27.12	0.75	800.0	1.08	1.07	1.09	1.09	1.10
810.0	6.40	6.45	6.40	6.38	0.07	25.85	32.27	27.12	0.81	810.0	1.07	1.06	1.09	1.08	1.08
820.0	6.40	6.45	6.41	6.39	0.07	25.70	32.76	27.06	0.80	820.0	1.09	1.08	1.05	1.07	1.07
830.0	6.40	6.46	6.41	6.38	0.07	25.51	33.50	26.94	0.92	830.0	1.12	1.08	1.02	1.05	1.06
840.0	6.41	6.47	6.42	6.39	0.08	25.27	33.99	26.70	0.84	840.0	1.15	1.05	1.06	1.04	1.05
850.0	6.41	6.47	6.43	6.39	0.07	24.97	34.63	26.35	0.91	850.0	1.15	1.01	1.07	1.04	1.04
860.0	6.42	6.49	6.44	6.40	0.08	24.59	35.39	25.94	0.84	860.0	1.13	1.04	1.05	1.03	1.02
870.0	6.44	6.51	6.45	6.42	0.09	24.28	36.25	25.50	0.91	870.0	1.13	1.05	1.01	1.03	1.01

<sup>1</sup> Total Loss = Insertion Loss+ 6dB Splitter Loss