

# 3 Way-0° Power Splitter/Combiner

# ZB3CS-900-6W

## 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		1-2	1-3	2-3			S	1	2	3
440.0	4.88	5.09	4.98	0.21	25.51	21.81	26.95	1.52	440.0	1.35	1.11	1.04	1.09
480.0	4.86	5.06	4.95	0.20	27.14	24.93	32.28	1.61	480.0	1.24	1.09	1.05	1.07
520.0	4.86	5.04	4.95	0.18	26.56	29.04	33.92	1.70	520.0	1.19	1.08	1.07	1.05
600.0	4.90	5.05	4.99	0.15	24.06	36.03	27.95	1.88	600.0	1.22	1.05	1.09	1.01
624.0	4.90	5.04	4.98	0.14	23.67	34.88	27.17	1.93	624.0	1.23	1.04	1.10	1.01
678.7	4.94	5.03	5.00	0.09	23.51	32.60	26.85	2.13	678.7	1.21	1.02	1.09	1.04
700.0	4.95	5.03	5.01	0.08	23.68	32.41	27.27	2.19	700.0	1.19	1.03	1.09	1.06
720.0	4.95	5.02	5.00	0.07	23.93	32.68	27.93	2.22	720.0	1.15	1.05	1.09	1.08
750.0	4.95	4.99	4.99	0.04	24.35	33.94	29.53	2.35	750.0	1.09	1.08	1.09	1.11
770.0	4.99	4.99	5.01	0.03	24.56	35.57	30.94	2.37	770.0	1.05	1.10	1.09	1.13
800.0	5.08	5.05	5.10	0.05	24.50	39.99	32.62	2.63	800.0	1.03	1.14	1.10	1.16
840.0	5.08	5.02	5.08	0.06	23.37	40.47	30.15	2.69	840.0	1.16	1.20	1.13	1.21
860.0	5.16	5.04	5.14	0.12	22.37	35.45	27.71	2.90	860.0	1.23	1.23	1.15	1.24
881.8	5.30	5.14	5.29	0.16	21.10	31.39	25.21	3.07	881.8	1.32	1.26	1.17	1.27
903.6	5.36	5.21	5.37	0.16	19.84	28.37	23.05	3.08	903.6	1.41	1.28	1.19	1.30

<sup>1</sup> Total Loss = Insertion Loss+ 4.8dB Splitter Loss