

3 Way-0° Power Splitter/Combiner

ZB3CS-ED7632/1

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		1-2	1-3	2-3			S	1	2	3
400.0	4.95	5.17	5.05	0.22	22.64	19.30	22.89	1.41	400.0	1.51	1.12	1.02	1.10
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
560.0	4.88	5.05	4.96	0.18	25.17	33.95	30.38	1.79	560.0	1.19	1.06	1.08	1.03
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
612.0	4.90	5.05	4.98	0.15	23.83	35.53	27.50	1.92	612.0	1.23	1.04	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
636.0	4.91	5.04	4.98	0.14	23.54	34.19	26.93	1.96	636.0	1.23	1.03	1.10	1.02
657.3	4.92	5.03	4.99	0.11	23.46	33.18	26.73	2.00	657.3	1.22	1.02	1.10	1.03
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
710.0	4.95	5.02	5.00	0.07	23.79	32.50	27.57	2.20	710.0	1.17	1.04	1.09	1.07
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
730.0	4.96	5.02	5.01	0.06	24.07	32.96	28.39	2.25	730.0	1.14	1.06	1.09	1.09
740.0	4.96	5.01	5.00	0.05	24.22	33.38	28.93	2.32	740.0	1.12	1.07	1.09	1.10
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
760.0	4.96	4.99	5.00	0.04	24.47	34.65	30.23	2.37	760.0	1.07	1.09	1.09	1.12
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
780.0	5.01	5.00	5.03	0.03	24.59	36.73	31.63	2.46	780.0	1.02	1.11	1.10	1.14
790.0	5.05	5.02	5.06	0.05	24.57	38.21	32.24	2.62	790.0	1.01	1.13	1.10	1.15
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
820.0	5.08	5.06	5.11	0.05	24.10	43.51	32.13	2.56	820.0	1.09	1.17	1.12	1.19
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
925.5	5.34	5.18	5.34	0.17	18.67	26.02	21.25	3.08	925.5	1.50	1.31	1.21	1.32
947.3	5.43	5.19	5.41	0.24	17.62	24.15	19.73	3.36	947.3	1.60	1.33	1.22	1.34
969.1	5.58	5.28	5.57	0.30	16.58	22.50	18.40	3.54	969.1	1.69	1.34	1.24	1.36
990.9	5.65	5.32	5.65	0.33	15.57	21.02	17.15	3.54	990.9	1.79	1.35	1.24	1.37

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss