

3 Way-0° Power Splitter/Combiner

ZB3CS-640-6W

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
424.0	4.97	5.06	5.05	0.08	28.08	29.56	25.23	1.65	424.0	1.22	1.12	1.03	1.16
430.0	4.96	5.04	5.04	0.07	27.78	29.74	25.08	1.70	430.0	1.21	1.11	1.04	1.16
435.0	4.98	5.06	5.05	0.08	27.54	29.82	24.91	1.63	435.0	1.20	1.09	1.05	1.15
440.0	4.97	5.06	5.05	0.09	27.30	29.85	24.79	1.61	440.0	1.19	1.08	1.05	1.13
445.0	4.97	5.06	5.06	0.09	27.04	29.77	24.66	1.77	445.0	1.18	1.08	1.04	1.12
450.0	4.98	5.05	5.06	0.08	26.80	29.70	24.51	1.75	450.0	1.19	1.08	1.05	1.11
455.0	4.98	5.05	5.06	0.08	26.58	29.52	24.36	1.83	455.0	1.19	1.08	1.06	1.11
460.0	4.98	5.06	5.06	0.08	26.38	29.33	24.27	1.91	460.0	1.19	1.07	1.07	1.11
465.0	4.98	5.05	5.06	0.08	26.16	29.12	24.18	1.79	465.0	1.19	1.06	1.07	1.10
470.0	4.97	5.05	5.06	0.09	26.00	28.95	24.10	1.84	470.0	1.19	1.05	1.08	1.10
475.0	4.96	5.05	5.06	0.10	25.86	28.81	24.04	1.86	475.0	1.19	1.04	1.08	1.09
480.0	4.98	5.05	5.06	0.08	25.78	28.58	23.98	1.93	480.0	1.19	1.03	1.08	1.07
490.0	5.00	5.06	5.08	0.08	25.62	28.32	23.92	1.86	490.0	1.20	1.02	1.10	1.05
500.0	5.00	5.07	5.08	0.07	25.62	28.11	23.95	1.95	500.0	1.20	1.02	1.12	1.06
505.0	5.00	5.07	5.08	0.08	25.63	28.03	24.00	2.02	505.0	1.20	1.02	1.12	1.06
510.0	5.01	5.06	5.08	0.07	25.68	27.91	24.02	1.94	510.0	1.20	1.03	1.12	1.06
515.0	5.01	5.05	5.08	0.07	25.74	27.88	24.05	1.92	515.0	1.20	1.03	1.12	1.06
520.0	5.01	5.06	5.08	0.07	25.76	27.81	24.11	1.96	520.0	1.21	1.03	1.12	1.05
525.0	5.01	5.06	5.08	0.07	25.84	27.76	24.16	2.05	525.0	1.21	1.03	1.13	1.05
530.0	5.01	5.06	5.08	0.07	25.94	27.70	24.25	1.98	530.0	1.21	1.04	1.14	1.05
535.0	5.02	5.07	5.09	0.07	26.08	27.72	24.36	2.03	535.0	1.21	1.05	1.14	1.06
540.0	5.02	5.06	5.10	0.08	26.25	27.68	24.49	2.06	540.0	1.20	1.06	1.14	1.07
550.0	5.03	5.05	5.10	0.07	26.70	27.91	24.79	2.08	550.0	1.19	1.08	1.14	1.09
555.0	5.02	5.05	5.10	0.08	26.98	28.02	25.00	2.09	555.0	1.19	1.09	1.15	1.09
560.0	5.02	5.05	5.09	0.07	27.34	28.23	25.23	2.20	560.0	1.18	1.10	1.15	1.10
565.0	5.00	5.04	5.10	0.10	27.79	28.50	25.49	2.07	565.0	1.18	1.10	1.16	1.10
570.0	5.02	5.04	5.11	0.08	28.22	28.84	25.72	2.11	570.0	1.17	1.11	1.16	1.10
575.0	5.03	5.05	5.11	0.08	28.73	29.15	25.98	2.17	575.0	1.17	1.12	1.16	1.11
580.0	5.03	5.03	5.10	0.08	29.30	29.46	26.17	2.22	580.0	1.16	1.12	1.16	1.12
585.0	5.02	5.04	5.10	0.08	29.92	29.88	26.35	2.22	585.0	1.15	1.13	1.15	1.13
590.0	5.01	5.03	5.09	0.08	30.45	30.35	26.51	2.21	590.0	1.14	1.14	1.15	1.14
595.0	5.02	5.02	5.11	0.08	31.12	30.79	26.64	2.32	595.0	1.12	1.15	1.16	1.14
600.0	5.01	5.02	5.11	0.09	31.71	31.24	26.69	2.32	600.0	1.11	1.15	1.16	1.14
610.0	5.02	5.01	5.11	0.10	32.95	32.32	26.75	2.38	610.0	1.08	1.15	1.15	1.13
615.0	5.02	5.01	5.12	0.11	33.53	32.93	26.76	2.39	615.0	1.07	1.16	1.14	1.14
620.0	5.02	5.00	5.11	0.11	33.96	33.61	26.74	2.50	620.0	1.06	1.17	1.14	1.15
625.0	5.02	5.01	5.11	0.10	34.36	34.58	26.63	2.46	625.0	1.05	1.18	1.14	1.16
630.0	5.03	5.00	5.11	0.10	34.33	35.35	26.49	2.47	630.0	1.04	1.19	1.15	1.17
635.0	5.03	5.00	5.11	0.11	33.98	36.43	26.28	2.46	635.0	1.02	1.20	1.15	1.17
640.0	5.03	5.00	5.12	0.12	33.42	37.51	26.04	2.48	640.0	1.01	1.20	1.15	1.17

¹ Total Loss = Insertion Loss+ 4.8dB Splitter Loss

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