

4 Way-0° Power Splitter/Combiner

ZB4CS-ED8021

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	S-4		1-2	2-3	3-4			S	1	2	3	4
300.0	6.43	6.28	6.34	6.40	0.15	19.27	24.23	18.98	0.29	300.0	1.49	1.10	1.08	1.09	1.11
325.0	6.57	6.45	6.49	6.55	0.12	20.57	26.26	20.17	0.11	325.0	1.51	1.11	1.11	1.11	1.13
350.0	6.44	6.30	6.35	6.40	0.14	22.27	28.81	21.77	0.15	350.0	1.47	1.13	1.13	1.13	1.15
375.0	6.49	6.34	6.38	6.42	0.15	24.54	31.99	23.88	0.17	375.0	1.39	1.14	1.14	1.14	1.16
400.0	6.41	6.26	6.30	6.34	0.15	28.12	36.59	27.11	0.21	400.0	1.29	1.14	1.15	1.15	1.16
425.0	6.40	6.27	6.31	6.35	0.14	34.17	45.74	31.85	0.10	425.0	1.19	1.13	1.14	1.14	1.15
450.0	6.37	6.25	6.27	6.30	0.12	36.86	47.56	33.26	0.11	450.0	1.09	1.11	1.13	1.12	1.13
470.0	6.40	6.26	6.29	6.31	0.14	32.20	39.98	30.16	0.23	470.0	1.03	1.10	1.11	1.10	1.11
490.0	6.37	6.24	6.26	6.29	0.14	29.04	36.31	27.51	0.30	490.0	1.03	1.09	1.10	1.08	1.09
510.0	6.42	6.29	6.31	6.33	0.13	27.29	34.09	25.82	0.31	510.0	1.07	1.08	1.09	1.06	1.07
530.0	6.42	6.31	6.32	6.34	0.11	26.42	32.68	24.87	0.40	530.0	1.10	1.08	1.10	1.06	1.07
550.0	6.42	6.29	6.32	6.33	0.13	26.18	31.64	24.46	0.52	550.0	1.12	1.09	1.11	1.06	1.07
570.0	6.42	6.30	6.34	6.34	0.12	26.52	31.14	24.60	0.43	570.0	1.13	1.10	1.12	1.08	1.08
590.0	6.45	6.33	6.38	6.38	0.13	27.38	30.88	25.19	0.36	590.0	1.14	1.11	1.13	1.09	1.09
610.0	6.46	6.36	6.38	6.40	0.10	28.66	30.96	26.30	0.50	610.0	1.14	1.11	1.14	1.10	1.10
630.0	6.48	6.36	6.40	6.41	0.11	30.13	31.33	27.92	0.50	630.0	1.13	1.11	1.14	1.11	1.11
638.0	6.48	6.36	6.42	6.42	0.12	30.68	31.54	28.78	0.37	638.0	1.13	1.11	1.14	1.11	1.11
640.0	6.49	6.38	6.41	6.40	0.11	30.79	31.58	28.98	0.43	640.0	1.13	1.11	1.13	1.11	1.11
650.0	6.48	6.37	6.40	6.40	0.11	31.26	31.99	30.22	0.36	650.0	1.13	1.11	1.15	1.11	1.11
675.0	6.49	6.37	6.41	6.41	0.12	31.08	33.43	34.11	0.37	675.0	1.12	1.09	1.12	1.11	1.11
700.0	6.51	6.40	6.43	6.42	0.11	29.24	35.91	35.01	0.41	700.0	1.10	1.08	1.10	1.10	1.10
725.0	6.52	6.40	6.43	6.42	0.11	26.96	40.51	30.48	0.49	725.0	1.09	1.05	1.08	1.09	1.09
750.0	6.53	6.41	6.43	6.41	0.12	24.88	53.66	26.40	0.68	750.0	1.12	1.03	1.06	1.07	1.07
775.0	6.62	6.51	6.54	6.51	0.11	22.96	42.43	23.29	0.78	775.0	1.19	1.02	1.03	1.05	1.05
800.0	6.53	6.39	6.44	6.41	0.13	21.29	35.12	20.96	0.78	800.0	1.28	1.03	1.01	1.02	1.02
825.0	6.65	6.53	6.57	6.54	0.12	19.96	30.98	19.19	0.85	825.0	1.40	1.06	1.03	1.02	1.02
850.0	6.94	6.81	6.86	6.82	0.13	18.92	28.01	17.92	0.95	850.0	1.52	1.10	1.07	1.06	1.07
875.0	6.82	6.71	6.75	6.70	0.12	17.92	25.62	16.86	1.22	875.0	1.64	1.14	1.11	1.10	1.11
900.0	6.87	6.74	6.80	6.75	0.13	16.92	23.58	15.86	1.34	900.0	1.73	1.18	1.15	1.15	1.15

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

REV. X2

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