

5 Way-0° Power Splitter/Combiner

ZB5CS-ED7628/1

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	S-4	S-5		1-2	1-3	2-3	2-5	4-5			S	1	2	3	4
400.0	7.47	7.66	7.23	7.22	7.24	0.45	25.79	20.51	27.30	30.73	21.82	5.04	400.0	1.35	1.19	1.06	1.11	1.10
419.7	7.53	7.68	7.29	7.31	7.35	0.39	27.69	21.55	29.81	32.21	22.62	5.19	419.7	1.35	1.20	1.06	1.13	1.12
439.3	7.45	7.61	7.23	7.33	7.36	0.38	29.85	22.77	32.97	34.05	23.36	5.06	439.3	1.32	1.20	1.07	1.14	1.14
459.0	7.37	7.53	7.16	7.32	7.34	0.37	31.52	24.18	34.93	36.31	23.92	4.66	459.0	1.28	1.20	1.07	1.15	1.16
478.7	7.39	7.55	7.21	7.37	7.39	0.34	31.57	25.98	32.80	39.54	24.56	4.29	478.7	1.22	1.19	1.07	1.14	1.17
498.3	7.37	7.50	7.19	7.35	7.37	0.30	29.76	28.04	29.48	44.62	25.53	4.19	498.3	1.15	1.18	1.07	1.13	1.19
518.0	7.34	7.46	7.19	7.37	7.38	0.27	27.66	30.10	26.83	55.67	26.74	3.84	518.0	1.09	1.16	1.06	1.11	1.19
537.7	7.32	7.45	7.19	7.36	7.37	0.26	25.97	31.46	24.91	50.49	28.37	3.38	537.7	1.04	1.14	1.04	1.08	1.20
557.3	7.32	7.45	7.21	7.34	7.34	0.24	24.77	31.42	23.59	43.79	30.54	3.18	557.3	1.05	1.12	1.03	1.06	1.19
577.0	7.33	7.45	7.23	7.34	7.34	0.22	24.04	30.44	22.73	40.59	33.61	3.09	577.0	1.10	1.10	1.01	1.06	1.19
596.7	7.40	7.51	7.32	7.42	7.42	0.19	23.72	29.42	22.31	38.88	37.96	2.88	596.7	1.14	1.08	1.01	1.06	1.18
616.3	7.38	7.49	7.31	7.39	7.38	0.18	23.71	28.69	22.17	37.80	41.07	2.57	616.3	1.18	1.07	1.02	1.08	1.17
636.0	7.41	7.52	7.37	7.40	7.38	0.15	24.02	28.30	22.29	37.27	36.94	2.46	636.0	1.20	1.07	1.04	1.09	1.15
652.0	7.42	7.53	7.39	7.40	7.39	0.14	21.41	28.19	22.54	37.11	33.51	2.46	652.0	1.21	1.07	1.05	1.10	1.14
668.0	7.40	7.50	7.39	7.38	7.36	0.13	24.97	28.26	22.92	37.15	30.99	2.46	668.0	1.21	1.07	1.06	1.11	1.13
684.0	7.40	7.49	7.40	7.39	7.36	0.13	25.68	28.53	23.43	37.44	29.18	2.32	684.0	1.19	1.07	1.07	1.11	1.11
700.0	7.39	7.48	7.41	7.38	7.36	0.12	26.49	28.92	24.03	37.97	27.88	2.21	700.0	1.17	1.07	1.07	1.11	1.10
716.0	7.39	7.48	7.44	7.40	7.36	0.11	27.34	29.49	24.72	38.76	26.91	2.16	716.0	1.14	1.07	1.08	1.11	1.08
732.0	7.42	7.49	7.47	7.43	7.40	0.09	28.11	30.11	25.45	39.85	26.29	2.06	732.0	1.11	1.07	1.08	1.11	1.08
748.0	7.38	7.45	7.44	7.42	7.38	0.07	28.55	30.75	26.09	41.36	25.95	1.98	748.0	1.08	1.07	1.08	1.10	1.07
764.0	7.34	7.40	7.43	7.39	7.36	0.09	28.53	31.24	26.55	43.04	25.84	1.69	764.0	1.05	1.06	1.08	1.09	1.07
780.0	7.39	7.42	7.48	7.43	7.39	0.10	28.16	31.62	26.88	44.71	26.07	1.42	780.0	1.03	1.05	1.07	1.08	1.08
796.0	7.36	7.40	7.49	7.43	7.39	0.12	27.52	31.79	27.01	44.50	26.67	1.22	796.0	1.03	1.04	1.07	1.07	1.08
812.0	7.33	7.36	7.47	7.41	7.37	0.14	26.76	31.85	26.96	42.35	27.75	1.23	812.0	1.04	1.03	1.07	1.06	1.09
828.0	7.37	7.39	7.53	7.47	7.42	0.16	26.04	31.98	26.85	39.67	29.63	1.34	828.0	1.05	1.03	1.07	1.05	1.10
844.0	7.45	7.44	7.62	7.55	7.50	0.18	25.33	32.23	26.69	37.12	32.70	1.76	844.0	1.05	1.02	1.07	1.04	1.11
860.0	7.43	7.40	7.63	7.51	7.45	0.23	24.48	32.59	26.32	34.76	38.68	2.16	860.0	1.05	1.02	1.07	1.04	1.11
888.3	7.48	7.43	7.74	7.53	7.45	0.31	23.00	33.75	25.47	31.47	36.69	2.60	888.3	1.07	1.02	1.07	1.03	1.12
916.7	7.48	7.41	7.77	7.51	7.43	0.36	21.01	33.44	23.61	28.84	26.36	3.08	916.7	1.19	1.02	1.07	1.02	1.11
945.0	7.63	7.50	7.98	7.59	7.52	0.48	18.59	28.91	20.84	27.05	21.17	3.45	945.0	1.40	1.02	1.07	1.04	1.11

¹ Total Loss = Insertion Loss+ 7dB Splitter Loss