

8 Way-0° Power Splitter/Combiner

ZC8PD-ED8435/3

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-6	S-8		1-2	1-8	3-4	5-6			S	1	8
200.0	9.43	9.43	9.35	9.33	9.53	9.40	0.20	12.94	26.73	13.05	13.09	1.34	200.0	1.24	1.15	1.15
213.0	9.46	9.46	9.39	9.37	9.58	9.43	0.21	13.75	27.52	13.85	13.89	1.13	213.0	1.28	1.14	1.14
226.0	9.46	9.47	9.39	9.37	9.59	9.44	0.22	14.57	28.39	14.66	14.69	0.93	226.0	1.27	1.13	1.13
239.0	9.46	9.45	9.39	9.36	9.58	9.43	0.21	15.42	29.36	15.51	15.54	0.73	239.0	1.24	1.12	1.11
252.0	9.44	9.44	9.36	9.34	9.56	9.41	0.22	16.35	30.39	16.44	16.47	0.67	252.0	1.18	1.11	1.10
265.0	9.43	9.42	9.36	9.34	9.53	9.40	0.20	17.42	31.51	17.51	17.54	0.73	265.0	1.11	1.09	1.08
278.0	9.42	9.43	9.35	9.33	9.52	9.40	0.19	18.64	32.74	18.75	18.78	0.87	278.0	1.04	1.08	1.07
291.0	9.44	9.44	9.37	9.34	9.50	9.41	0.16	20.06	34.08	20.19	20.22	0.88	291.0	1.04	1.06	1.06
304.0	9.47	9.47	9.38	9.35	9.50	9.43	0.15	21.68	35.59	21.85	21.88	0.84	304.0	1.11	1.05	1.05
317.0	9.50	9.49	9.41	9.38	9.51	9.46	0.13	23.52	37.27	23.75	23.78	0.88	317.0	1.17	1.05	1.05
330.0	9.53	9.53	9.45	9.42	9.53	9.49	0.11	25.64	39.21	25.94	25.94	0.84	330.0	1.22	1.04	1.05
340.0	9.54	9.54	9.46	9.43	9.53	9.49	0.12	27.44	40.84	27.80	27.82	0.85	340.0	1.24	1.05	1.05
360.0	9.56	9.56	9.46	9.45	9.52	9.52	0.12	31.48	44.49	31.92	32.01	0.78	360.0	1.26	1.05	1.06
380.0	9.56	9.57	9.48	9.46	9.52	9.52	0.13	35.06	47.29	34.80	35.48	0.81	380.0	1.22	1.06	1.07
400.0	9.55	9.54	9.47	9.44	9.49	9.51	0.12	35.08	46.55	33.70	34.80	0.72	400.0	1.15	1.06	1.08
470.0	9.59	9.59	9.55	9.51	9.55	9.54	0.09	31.13	40.70	29.85	30.28	0.84	470.0	1.18	1.09	1.09
530.0	9.64	9.64	9.60	9.56	9.62	9.58	0.08	33.24	40.36	35.24	34.79	1.06	530.0	1.19	1.07	1.07
630.0	9.70	9.70	9.65	9.61	9.66	9.63	0.09	29.02	49.02	31.78	31.95	1.05	630.0	1.14	1.03	1.02
650.0	9.72	9.73	9.66	9.62	9.68	9.64	0.10	30.41	54.51	33.16	33.31	1.00	650.0	1.16	1.03	1.03
670.0	9.74	9.74	9.67	9.64	9.69	9.66	0.10	32.63	62.10	35.08	35.04	1.01	670.0	1.15	1.03	1.02
690.0	9.75	9.75	9.69	9.66	9.70	9.65	0.10	35.12	54.79	36.25	35.72	0.99	690.0	1.13	1.03	1.02
710.0	9.76	9.76	9.71	9.68	9.71	9.67	0.10	36.39	49.65	35.85	34.90	1.02	710.0	1.10	1.02	1.03
730.0	9.77	9.77	9.72	9.68	9.72	9.66	0.12	36.06	46.67	35.09	34.03	1.02	730.0	1.09	1.02	1.04
750.0	9.79	9.79	9.74	9.70	9.74	9.67	0.11	35.70	44.88	35.20	34.00	0.99	750.0	1.09	1.03	1.05
800.0	9.82	9.82	9.78	9.74	9.76	9.69	0.14	35.74	43.10	39.18	37.40	1.11	800.0	1.05	1.03	1.07
865.0	9.88	9.89	9.84	9.78	9.78	9.71	0.18	33.84	46.09	38.10	38.13	1.20	865.0	1.08	1.05	1.08
900.0	9.93	9.94	9.89	9.83	9.81	9.73	0.20	37.65	51.44	48.62	47.13	1.15	900.0	1.10	1.06	1.08
950.0	9.96	9.98	9.93	9.86	9.80	9.74	0.24	33.27	43.65	33.22	32.51	1.27	950.0	1.02	1.06	1.07
1000.0	10.06	10.07	10.01	9.94	9.81	9.78	0.30	24.93	36.03	25.31	25.22	1.37	1000.0	1.20	1.05	1.06
1020.0	10.14	10.15	10.10	10.02	9.85	9.84	0.32	22.55	33.98	22.94	23.04	1.48	1020.0	1.31	1.06	1.08
1040.0	10.22	10.25	10.18	10.09	9.90	9.90	0.36	20.47	32.23	20.81	21.01	1.61	1040.0	1.44	1.08	1.11
1050.0	10.29	10.31	10.25	10.15	9.95	9.96	0.38	19.56	31.47	19.87	20.09	1.70	1050.0	1.52	1.10	1.13

¹ Total Loss = Insertion Loss + 9dB Splitter Loss

REV. X2
ZC8PD-ED8435/3
100707
Page 1 of 1