

# 8 Way-0° Power Splitter/Combiner

# ZC8PD-06263-S+

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (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	2-4	5-7	7-8			S	1	8
6000	9.64	9.64	9.64	9.69	9.67	9.65	0.07	21.56	24.74	22.92	20.38	1.73	6000	1.04	1.07	1.10
6500	9.70	9.70	9.67	9.74	9.73	9.69	0.08	26.89	25.97	23.75	31.27	1.82	6500	1.09	1.20	1.23
7000	9.78	9.78	9.74	9.82	9.82	9.79	0.10	24.56	39.14	32.03	21.44	1.99	7000	1.18	1.27	1.24
7500	9.78	9.78	9.75	9.85	9.86	9.79	0.10	21.20	35.18	44.70	20.75	2.06	7500	1.10	1.11	1.12
8000	9.81	9.81	9.78	9.89	9.90	9.83	0.12	20.21	34.06	38.57	20.13	2.20	8000	1.11	1.07	1.10
8500	9.91	9.90	9.84	9.96	9.97	9.93	0.17	22.69	38.16	32.36	22.73	2.56	8500	1.23	1.20	1.23
9000	9.89	9.89	9.84	9.95	9.96	9.90	0.13	33.82	26.26	25.46	35.57	2.54	9000	1.06	1.13	1.18
9500	9.99	9.99	9.93	10.06	10.06	10.03	0.17	23.83	29.48	29.56	21.08	2.57	9500	1.28	1.13	1.11
10000	9.95	9.96	9.91	10.04	10.03	9.98	0.12	28.14	32.08	29.72	26.42	2.58	10000	1.09	1.13	1.18
10500	9.99	10.00	9.94	10.08	10.07	10.06	0.16	41.67	26.91	25.41	33.96	2.77	10500	1.06	1.18	1.22
11000	10.07	10.08	10.04	10.15	10.18	10.14	0.14	23.56	33.31	29.56	21.26	2.87	11000	1.15	1.18	1.17
11500	10.10	10.11	10.08	10.19	10.19	10.16	0.12	26.30	36.96	33.07	24.64	3.14	11500	1.15	1.18	1.18
12000	10.15	10.16	10.11	10.24	10.25	10.22	0.14	30.81	35.18	34.08	28.81	3.38	12000	1.17	1.24	1.25
12500	10.23	10.24	10.20	10.32	10.34	10.32	0.16	36.37	40.20	35.14	31.20	3.42	12500	1.31	1.27	1.26
13000	10.23	10.24	10.18	10.30	10.32	10.32	0.17	28.74	32.17	34.82	28.34	3.48	13000	1.20	1.19	1.22
13500	10.26	10.27	10.20	10.30	10.33	10.34	0.18	25.39	31.36	34.02	24.16	3.89	13500	1.10	1.18	1.18
14000	10.29	10.31	10.27	10.39	10.40	10.39	0.14	36.85	35.43	35.76	45.73	3.82	14000	1.21	1.21	1.24
14500	10.29	10.31	10.25	10.37	10.40	10.43	0.20	29.42	30.36	29.35	27.57	3.88	14500	1.03	1.05	1.08
15000	10.33	10.35	10.32	10.44	10.47	10.46	0.15	26.02	29.28	28.76	23.92	3.96	15000	1.12	1.05	1.06
15500	10.46	10.49	10.44	10.55	10.56	10.61	0.18	31.15	35.97	35.23	32.55	4.33	15500	1.31	1.11	1.14
16000	10.46	10.48	10.43	10.53	10.54	10.57	0.15	33.50	30.47	28.71	29.33	4.38	16000	1.15	1.15	1.14
16500	10.56	10.59	10.53	10.66	10.67	10.72	0.20	29.22	33.28	31.30	28.23	4.12	16500	1.34	1.24	1.22
17000	10.56	10.58	10.52	10.64	10.67	10.73	0.23	31.97	36.93	38.32	32.92	4.67	17000	1.28	1.31	1.33
17500	10.61	10.63	10.56	10.67	10.70	10.76	0.22	29.60	39.67	38.89	27.37	4.76	17500	1.27	1.33	1.33
18000	10.74	10.76	10.71	10.82	10.86	10.91	0.22	27.21	35.38	38.72	27.81	4.45	18000	1.46	1.35	1.39
18500	10.69	10.71	10.66	10.77	10.83	10.88	0.24	26.17	40.12	42.09	26.99	4.79	18500	1.21	1.40	1.43
19000	10.71	10.73	10.70	10.80	10.83	10.88	0.20	29.97	33.93	33.35	29.17	5.00	19000	1.02	1.42	1.44
19500	10.87	10.90	10.89	10.97	11.01	11.05	0.21	27.26	35.47	34.22	26.98	5.04	19500	1.31	1.39	1.39
20000	10.92	10.94	10.92	10.99	11.01	11.08	0.21	28.77	32.54	31.26	28.25	5.43	20000	1.26	1.42	1.42
20500	10.90	10.94	10.94	11.00	11.02	11.09	0.22	35.42	39.62	37.32	37.84	5.90	20500	1.28	1.36	1.37
21000	10.86	10.90	10.91	10.96	10.99	11.06	0.25	26.89	35.53	33.90	24.43	5.62	21000	1.16	1.15	1.15
21500	10.91	10.94	10.92	10.97	11.02	11.13	0.26	25.97	34.84	32.03	24.85	5.83	21500	1.09	1.17	1.19
22000	10.97	11.01	11.05	11.09	11.15	11.20	0.27	27.11	42.56	37.35	26.63	6.06	22000	1.23	1.21	1.23
22500	11.02	11.06	11.07	11.11	11.17	11.25	0.28	28.89	38.98	42.07	25.81	6.10	22500	1.18	1.11	1.12
23000	11.01	11.05	11.08	11.11	11.20	11.24	0.29	26.43	35.56	34.40	25.42	6.26	23000	1.10	1.11	1.14
23500	11.16	11.19	11.21	11.27	11.37	11.46	0.35	22.91	45.07	38.15	22.22	6.53	23500	1.37	1.22	1.24
24000	11.05	11.08	11.08	11.14	11.20	11.31	0.32	35.88	34.88	34.52	33.20	6.39	24000	1.08	1.08	1.11
25000	11.16	11.19	11.15	11.22	11.29	11.43	0.35	24.05	48.33	55.24	22.97	6.49	25000	1.16	1.09	1.10
26000	11.22	11.25	11.20	11.29	11.33	11.48	0.38	30.95	34.07	33.71	28.84	6.73	26000	1.03	1.09	1.10
26500	11.26	11.30	11.28	11.33	11.41	11.51	0.37	23.95	39.87	37.13	23.10	6.75	26500	1.09	1.02	1.03

<sup>1</sup>Total Loss = Insertion Loss + 9dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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 10/5/2018  
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