

16 Way-0° Power Splitter/Combiner ZC16PD_ED12956/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)	AMP. UNBAL. (dB)	ISOLATION (dB)		PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)	
			Adjacent	Opposite			S	OUTPUTS
0.3	15.67	0.24	35.51	37.21	0.89	0.3	2.50	8.44
0.5	15.01	0.16	32.93	38.12	0.80	0.5	1.89	5.58
1.0	14.36	0.11	30.02	39.82	0.54	1.0	1.51	3.64
1.5	14.05	0.09	28.85	41.13	0.46	1.5	1.39	2.94
2.0	13.86	0.07	28.26	42.15	0.40	2.0	1.33	2.57
2.5	13.76	0.07	27.90	43.06	0.39	2.5	1.30	2.33
3.0	13.68	0.06	27.66	43.73	0.34	3.0	1.28	2.17
3.5	13.62	0.06	27.48	44.32	0.32	3.5	1.26	2.06
4.0	13.58	0.06	27.33	44.84	0.30	4.0	1.25	1.97
4.5	13.55	0.05	27.21	45.23	0.29	4.5	1.25	1.90
5.0	13.53	0.05	27.07	45.61	0.27	5.0	1.24	1.85
5.5	13.51	0.05	26.97	45.88	0.25	5.5	1.24	1.80
6.0	13.49	0.04	26.87	46.14	0.23	6.0	1.24	1.77
6.5	13.48	0.04	26.78	46.36	0.20	6.5	1.24	1.74
7.0	13.47	0.04	26.71	46.54	0.20	7.0	1.23	1.71
7.5	13.47	0.04	26.65	46.72	0.19	7.5	1.23	1.69
8.0	13.46	0.04	26.59	46.86	0.18	8.0	1.23	1.67
9.0	13.45	0.04	26.52	47.13	0.16	9.0	1.23	1.64
10.0	13.44	0.04	26.46	47.30	0.15	10.0	1.23	1.62
20.0	13.45	0.03	26.17	48.14	0.09	20.0	1.23	1.54
40.0	13.50	0.03	25.53	48.45	0.15	40.0	1.25	1.52
60.0	13.55	0.03	24.72	48.38	0.24	60.0	1.27	1.51
80.0	13.59	0.03	23.83	48.31	0.32	80.0	1.30	1.50
100.0	13.64	0.03	22.97	48.10	0.39	100.0	1.32	1.48
150.0	13.72	0.04	21.16	47.53	0.58	150.0	1.34	1.45
200.0	13.77	0.05	19.88	46.66	0.83	200.0	1.33	1.42
250.0	13.77	0.06	19.04	45.86	0.91	250.0	1.26	1.38
300.0	13.75	0.06	18.51	44.95	1.03	300.0	1.15	1.36
350.0	13.74	0.08	18.13	44.17	1.14	350.0	1.04	1.33
400.0	13.77	0.09	17.81	43.45	1.25	400.0	1.11	1.32
450.0	13.84	0.09	17.52	42.84	1.36	450.0	1.25	1.30
500.0	13.94	0.09	17.29	42.37	1.51	500.0	1.38	1.29
550.0	14.04	0.10	17.19	41.91	1.68	550.0	1.46	1.27
600.0	14.09	0.10	17.24	41.52	1.83	600.0	1.46	1.25
800.0	14.08	0.11	18.33	40.44	2.44	800.0	1.12	1.23
900.0	14.41	0.12	17.82	40.57	2.89	900.0	1.52	1.25
1000.0	14.84	0.12	17.23	40.89	3.23	1000.0	1.86	1.23
1100.0	15.04	0.12	17.74	41.01	3.68	1100.0	1.92	1.18
1200.0	15.06	0.14	20.08	41.12	4.26	1200.0	1.80	1.11
1300.0	15.25	0.20	24.90	41.61	4.85	1300.0	1.80	1.13
1400.0	15.63	0.27	27.75	42.54	5.35	1400.0	1.91	1.21
1500.0	15.90	0.35	24.08	43.49	5.73	1500.0	1.90	1.28
1600.0	15.98	0.43	21.20	44.54	5.85	1600.0	1.76	1.33
1700.0	16.15	0.46	19.18	45.72	5.75	1700.0	1.75	1.37
1800.0	16.56	0.46	17.74	47.18	5.80	1800.0	1.91	1.41
1900.0	16.95	0.47	17.09	48.00	4.97	1900.0	2.01	1.41
2000.0	16.99	0.51	17.36	47.96	5.85	2000.0	1.87	1.37
2100.0	16.74	0.49	18.71	46.94	6.11	2100.0	1.59	1.30
2200.0	16.54	0.44	20.81	45.88	6.21	2200.0	1.30	1.24
2300.0	16.61	0.37	22.77	45.29	6.46	2300.0	1.10	1.21
2400.0	16.86	0.44	24.27	45.21	6.80	2400.0	1.02	1.17
2500.0	17.22	0.51	26.28	45.18	7.35	2500.0	1.11	1.12
2600.0	17.66	0.63	28.33	44.50	8.90	2600.0	1.17	1.11

¹ Total Loss = Insertion Loss+ 12dB Splitter Loss

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