

16 Way-0° Power Splitter/Combiner

ZC16SC-ED11003/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB) S-1	AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)		PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)	
			1-2	3-4			S	1
1.0	13.24	0.90	26.10	37.51	4.05	1.0	1.32	2.23
3.0	12.96	0.55	30.60	46.80	2.50	3.0	1.22	1.65
5.0	12.85	0.46	33.79	55.42	1.80	5.0	1.22	1.50
7.0	12.79	0.41	35.97	60.54	1.48	7.0	1.23	1.44
9.0	12.78	0.38	37.58	57.38	1.14	9.0	1.23	1.40
10.0	12.76	0.37	38.29	55.16	1.13	10.0	1.23	1.39
12.0	12.76	0.37	39.55	51.84	0.88	12.0	1.24	1.38
14.0	12.75	0.36	40.61	49.45	0.81	14.0	1.24	1.37
16.0	12.74	0.36	41.46	47.63	0.76	16.0	1.24	1.36
18.0	12.75	0.35	42.03	46.17	0.68	18.0	1.24	1.35
20.0	12.75	0.35	42.36	45.02	0.66	20.0	1.24	1.35
56.0	12.83	0.34	36.55	35.26	0.68	56.0	1.24	1.32
92.0	12.92	0.34	32.42	31.24	1.20	92.0	1.22	1.31
128.0	12.96	0.34	30.00	28.80	1.73	128.0	1.20	1.29
164.0	13.02	0.34	28.36	27.14	2.21	164.0	1.16	1.27
200.0	13.05	0.33	27.21	25.91	2.82	200.0	1.13	1.25
225.0	13.09	0.34	26.61	25.25	3.17	225.0	1.11	1.24
250.0	13.15	0.35	26.16	24.77	3.53	250.0	1.09	1.23
280.0	13.19	0.35	25.76	24.26	3.99	280.0	1.07	1.22
310.0	13.23	0.35	25.43	23.88	4.48	310.0	1.07	1.21
340.0	13.31	0.38	25.23	23.63	4.89	340.0	1.07	1.21
370.0	13.37	0.37	25.11	23.44	5.29	370.0	1.08	1.20
400.0	13.41	0.38	25.04	23.31	5.93	400.0	1.10	1.20
420.0	13.45	0.40	25.03	23.26	6.17	420.0	1.12	1.20
440.0	13.53	0.39	25.05	23.25	6.37	440.0	1.14	1.19
460.0	13.57	0.39	25.06	23.23	6.77	460.0	1.16	1.19
480.0	13.61	0.40	25.04	23.20	7.22	480.0	1.19	1.20
500.0	13.68	0.43	24.95	23.15	7.49	500.0	1.22	1.20
531.0	13.77	0.42	24.66	22.96	7.85	531.0	1.26	1.21
562.0	13.88	0.45	24.09	22.58	8.52	562.0	1.29	1.21
593.0	13.96	0.49	23.31	22.02	9.03	593.0	1.32	1.20
624.0	14.07	0.51	22.43	21.36	9.60	624.0	1.33	1.19
655.0	14.14	0.55	21.56	20.67	10.14	655.0	1.33	1.18
686.0	14.22	0.58	20.83	20.08	10.67	686.0	1.33	1.16
717.0	14.31	0.61	20.35	19.69	11.27	717.0	1.31	1.14
748.0	14.39	0.64	20.10	19.50	11.91	748.0	1.29	1.14
779.0	14.47	0.68	20.09	19.53	12.52	779.0	1.25	1.16
810.0	14.56	0.72	20.30	19.76	13.04	810.0	1.21	1.17
840.0	14.67	0.72	20.60	20.07	13.61	840.0	1.17	1.19
870.0	14.83	0.75	20.83	20.32	14.51	870.0	1.17	1.19
900.0	14.93	0.78	20.63	20.22	15.49	900.0	1.23	1.20

¹Total Loss = Insertion Loss + 12dB Splitter Loss



REV. X2

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IF/RF MICROWAVE COMPONENTS

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