4 Way-0° Power Splitter/Combiner ZMSC-ED13819/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)
	S-1	S-2	S-3	S-4		1-2	2-3	3-4	
5.0	6.27	6.39	6.41	6.53	0.27	45.46	35.68	44.43	1.22
7.0	6.26	6.38	6.39	6.51	0.25	49.99	37.13	44.36	0.90
9.0	6.25	6.37	6.38	6.50	0.24	53.84	38.01	44.12	0.71
10.0	6.25	6.37	6.38	6.49	0.24	55.15	38.30	43.98	0.64
30.0	6.27	6.38	6.39	6.49	0.23	43.20	39.41	39.96	0.20
50.0	6.28	6.40	6.40	6.51	0.23	38.46	38.91	36.66	0.13
75.0	6.30	6.42	6.43	6.53	0.23	35.08	38.09	33.74	0.13
100.0	6.32	6.44	6.44	6.55	0.23	32.80	37.21	31.59	0.19
150.0	6.36	6.47	6.48	6.58	0.22	29.70	35.61	28.59	0.27
200.0	6.39	6.50	6.50	6.62	0.22	27.60	34.20	26.55	0.36
250.0	6.43	6.53	6.53	6.64	0.22	26.08	32.99	25.08	0.44
300.0	6.46	6.57	6.56	6.67	0.21	24.91	31.95	23.99	0.52
350.0	6.50	6.60	6.59	6.70	0.20	23.99	31.06	23.17	0.63
400.0	6.53	6.63	6.61	6.72	0.19	23.26	30.28	22.55	0.72
450.0	6.57	6.67	6.64	6.75	0.18	22.66	29.62	22.08	0.80
500.0	6.60	6.70	6.66	6.77	0.17	22.17	29.03	21.73	0.89
550.0	6.64	6.74	6.69	6.80	0.16	21.75	28.54	21.45	0.97
600.0	6.69	6.78	6.72	6.83	0.14	21.39	28.11	21.21	1.06
650.0	6.73	6.83	6.76	6.86	0.13	21.05	27.75	20.97	1.15
700.0	6.78	6.87	6.79	6.89	0.11	20.74	27.45	20.70	1.22
750.0	6.83	6.93	6.84	6.92	0.10	20.42	27.20	20.38	1.31
800.0	6.89	6.98	6.88	6.96	0.10	20.09	27.01	20.00	1.41
850.0	6.96	7.05	6.93	7.01	0.12	19.76	26.87	19.55	1.49
900.0	7.03	7.12	6.99	7.06	0.13	19.43	26.77	19.06	1.59
950.0	7.10	7.19	7.05	7.11	0.14	19.11	26.70	18.56	1.71
1000.0	7.19	7.27	7.12	7.17	0.16	18.81	26.67	18.07	1.84
1100.0	7.38	7.45	7.26	7.30	0.19	18.37	26.72	17.24	2.15
1200.0	7.61	7.67	7.43	7.45	0.24	18.26	26.86	16.74	2.51
1300.0	7.88	7.92	7.62	7.62	0.30	18.65	27.07	16.75	2.96
1400.0	8.22	8.24	7.85	7.82	0.42	19.75	27.32	17.48	3.43
1500.0	8.65	8.65	8.13	8.08	0.57	21.57	27.58	19.26	3.89

FREQ. (MHz)	VSWR (:1)				
	S	1	2	3	4
5.0	1.06	1.22	1.26	1.25	1.29
7.0	1.05	1.20	1.23	1.22	1.26
9.0	1.05	1.19	1.22	1.21	1.24
10.0	1.05	1.18	1.21	1.20	1.24
30.0	1.04	1.16	1.19	1.18	1.21
50.0	1.05	1.15	1.18	1.17	1.20
75.0	1.06	1.15	1.18	1.17	1.19
100.0	1.07	1.14	1.17	1.16	1.19
150.0	1.08	1.13	1.16	1.15	1.17
200.0	1.09	1.12	1.15	1.13	1.16
250.0	1.10	1.11	1.13	1.12	1.15
300.0	1.11	1.10	1.12	1.11	1.13
350.0	1.11	1.09	1.10	1.09	1.11
400.0	1.11	1.08	1.09	1.08	1.09
450.0	1.11	1.07	1.07	1.07	1.08
500.0	1.11	1.07	1.06	1.06	1.06
550.0	1.10	1.06	1.05	1.06	1.05
600.0	1.09	1.06	1.04	1.06	1.04
650.0	1.08	1.06	1.03	1.06	1.03
700.0	1.07	1.07	1.03	1.07	1.03
750.0	1.05	1.07	1.04	1.07	1.03
800.0	1.04	1.07	1.05	1.08	1.03
850.0	1.03	1.07	1.06	1.08	1.04
900.0	1.03	1.08	1.07	1.08	1.04
950.0	1.04	1.08	1.08	1.08	1.04
1000.0	1.06	1.08	1.10	1.07	1.04
1100.0	1.09	1.09	1.14	1.07	1.07
1200.0	1.13	1.12	1.19	1.09	1.11
1300.0	1.15	1.16	1.26	1.14	1.18
1400.0	1.17	1.22	1.34	1.20	1.26
1500.0	1.17	1.28	1.44	1.28	1.37

[1]Total Loss = Insertion Loss + 6dB Splitter Loss