

2 Way-90° Power Splitter/Combiner ZMSCQ-ED13700/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
60.0	1.20	6.62	5.42	39.65	89.97	60.0	1.04	1.04	1.03
80.0	1.80	5.03	3.23	38.46	90.16	80.0	1.04	1.05	1.03
100.0	2.37	4.06	1.69	37.86	90.39	100.0	1.04	1.05	1.03
120.0	2.84	3.46	0.63	37.87	90.62	120.0	1.04	1.04	1.03
140.0	3.18	3.12	0.06	38.74	90.89	140.0	1.04	1.04	1.03
145.0	3.24	3.07	0.18	39.13	90.97	145.0	1.04	1.04	1.03
150.0	3.30	3.02	0.27	39.68	91.06	150.0	1.04	1.04	1.03
155.0	3.34	2.99	0.35	40.30	91.15	155.0	1.04	1.04	1.03
156.0	3.35	2.98	0.36	40.45	91.17	156.0	1.04	1.04	1.03
157.0	3.35	2.98	0.37	40.62	91.19	157.0	1.04	1.04	1.03
158.0	3.36	2.97	0.39	40.75	91.21	158.0	1.04	1.04	1.03
159.0	3.37	2.97	0.40	40.99	91.23	159.0	1.04	1.04	1.03
160.0	3.37	2.97	0.41	41.15	91.24	160.0	1.04	1.04	1.03
161.0	3.38	2.96	0.41	41.33	91.26	161.0	1.04	1.04	1.03
162.0	3.38	2.96	0.42	41.49	91.27	162.0	1.04	1.04	1.03
163.0	3.39	2.96	0.43	41.66	91.30	163.0	1.04	1.04	1.03
164.0	3.39	2.96	0.43	41.86	91.31	164.0	1.04	1.04	1.03
165.0	3.40	2.95	0.44	42.14	91.33	165.0	1.04	1.05	1.03
166.0	3.40	2.96	0.44	42.42	91.35	166.0	1.04	1.05	1.03
167.0	3.40	2.95	0.45	42.63	91.37	167.0	1.04	1.05	1.03
168.0	3.41	2.95	0.45	42.92	91.39	168.0	1.04	1.05	1.03
169.0	3.41	2.95	0.45	43.11	91.41	169.0	1.04	1.05	1.03
170.0	3.41	2.96	0.45	43.41	91.44	170.0	1.04	1.05	1.03
175.0	3.41	2.97	0.44	45.00	91.54	175.0	1.04	1.05	1.03
180.0	3.40	2.99	0.41	46.99	91.66	180.0	1.03	1.05	1.03
185.0	3.37	3.02	0.35	48.60	91.79	185.0	1.03	1.05	1.03
200.0	3.22	3.22	0.01	40.96	92.26	200.0	1.03	1.07	1.04
220.0	2.84	3.75	0.91	31.08	93.19	220.0	1.05	1.10	1.07
240.0	2.25	4.87	2.62	23.89	95.10	240.0	1.11	1.18	1.14

¹Total Loss = Insertion Loss + 3dB Splitter Loss