

2 Way-90° Power Splitter/Combiner

QCV-ED13423C/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2		1-2			S	1	2
60.0	1.91	5.53	3.62	31.31	88.03	60.0	1.10	1.10	1.11
65.0	2.10	5.14	3.05	30.56	88.04	65.0	1.11	1.10	1.11
70.0	2.28	4.81	2.53	29.80	88.06	70.0	1.11	1.11	1.12
75.0	2.45	4.53	2.08	29.06	88.08	75.0	1.12	1.11	1.13
80.0	2.62	4.29	1.67	28.29	88.12	80.0	1.12	1.12	1.13
85.0	2.78	4.09	1.31	27.51	88.16	85.0	1.13	1.12	1.14
90.0	2.92	3.91	0.99	26.73	88.22	90.0	1.13	1.13	1.15
95.0	3.05	3.77	0.72	25.92	88.29	95.0	1.14	1.14	1.16
100.0	3.17	3.66	0.49	25.10	88.39	100.0	1.15	1.15	1.17
105.0	3.27	3.58	0.30	24.27	88.52	105.0	1.16	1.16	1.18
110.0	3.36	3.52	0.15	23.42	88.70	110.0	1.18	1.17	1.20
115.0	3.43	3.48	0.05	22.56	88.93	115.0	1.19	1.19	1.22
120.0	3.49	3.48	0.01	21.66	89.23	120.0	1.21	1.20	1.24
125.0	3.53	3.50	0.03	20.73	89.60	125.0	1.24	1.23	1.27
130.0	3.55	3.55	0.01	19.77	90.09	130.0	1.27	1.26	1.29
135.0	3.55	3.64	0.09	18.77	90.71	135.0	1.30	1.29	1.33
140.0	3.54	3.77	0.24	17.76	91.54	140.0	1.34	1.33	1.37
145.0	3.51	3.96	0.45	16.73	92.64	145.0	1.38	1.37	1.42
150.0	3.48	4.20	0.73	15.68	94.11	150.0	1.44	1.43	1.48
155.0	3.44	4.53	1.09	14.63	96.14	155.0	1.50	1.50	1.55
160.0	3.41	4.94	1.53	13.60	98.91	160.0	1.58	1.58	1.64

¹Total Loss = Insertion Loss + 3dB Splitter Loss