

2 Way-90° Power Splitter/Combiner

QCV-ED13423C/2

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
100.0	2.33	4.72	2.39	25.00	87.50	100.0	1.10	1.10	1.13
105.0	2.46	4.54	2.08	24.85	87.45	105.0	1.10	1.11	1.14
110.0	2.57	4.37	1.79	24.70	87.43	110.0	1.10	1.11	1.14
115.0	2.68	4.22	1.53	24.58	87.40	115.0	1.10	1.11	1.15
120.0	2.79	4.08	1.30	24.45	87.39	120.0	1.10	1.11	1.15
125.0	2.89	3.97	1.08	24.30	87.38	125.0	1.11	1.12	1.16
130.0	2.98	3.87	0.89	24.13	87.37	130.0	1.11	1.12	1.16
135.0	3.06	3.78	0.72	23.95	87.36	135.0	1.11	1.12	1.17
140.0	3.14	3.71	0.57	23.72	87.35	140.0	1.12	1.13	1.17
145.0	3.21	3.65	0.44	23.46	87.36	145.0	1.12	1.13	1.18
150.0	3.27	3.60	0.34	23.20	87.40	150.0	1.13	1.14	1.19
155.0	3.32	3.57	0.25	22.91	87.45	155.0	1.14	1.14	1.20
160.0	3.37	3.55	0.18	22.63	87.47	160.0	1.15	1.15	1.21
165.0	3.40	3.55	0.14	22.31	87.52	165.0	1.16	1.16	1.23
170.0	3.43	3.56	0.13	21.96	87.60	170.0	1.17	1.16	1.24
175.0	3.44	3.58	0.14	21.56	87.72	175.0	1.19	1.17	1.26
180.0	3.45	3.62	0.17	21.12	87.87	180.0	1.21	1.19	1.28
185.0	3.44	3.68	0.24	20.63	88.06	185.0	1.23	1.20	1.30
190.0	3.43	3.76	0.33	20.10	88.32	190.0	1.26	1.22	1.33
195.0	3.41	3.86	0.45	19.52	88.64	195.0	1.28	1.24	1.36
200.0	3.38	3.99	0.61	18.90	89.04	200.0	1.32	1.26	1.40
205.0	3.35	4.15	0.80	18.25	89.56	205.0	1.35	1.29	1.44
210.0	3.31	4.34	1.04	17.57	90.21	210.0	1.40	1.32	1.48
215.0	3.26	4.58	1.32	16.87	91.04	215.0	1.45	1.36	1.54
220.0	3.21	4.87	1.65	16.14	92.12	220.0	1.50	1.40	1.60

¹Total Loss = Insertion Loss + 3dB Splitter Loss



REV. X1

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IF/RF MICROWAVE COMPONENTS

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