

2 Way-90° Power Splitter/Combiner

QCV-271+

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
150.0	2.94	3.97	1.02	19.96	85.65	150.0	1.17	1.21	1.18
155.0	3.03	3.88	0.85	19.96	85.60	155.0	1.17	1.21	1.18
160.0	3.10	3.80	0.70	20.00	85.54	160.0	1.17	1.21	1.18
165.0	3.17	3.73	0.56	20.01	85.49	165.0	1.17	1.21	1.18
170.0	3.23	3.67	0.43	20.07	85.46	170.0	1.16	1.21	1.18
175.0	3.29	3.61	0.32	20.11	85.42	175.0	1.16	1.21	1.19
180.0	3.35	3.57	0.22	20.16	85.39	180.0	1.16	1.22	1.19
185.0	3.40	3.53	0.13	20.21	85.36	185.0	1.16	1.22	1.19
190.0	3.44	3.50	0.06	20.25	85.35	190.0	1.16	1.22	1.19
195.0	3.48	3.47	0.00	20.29	85.34	195.0	1.16	1.22	1.20
200.0	3.51	3.45	0.05	20.32	85.33	200.0	1.16	1.22	1.20
205.0	3.54	3.44	0.09	20.35	85.33	205.0	1.16	1.22	1.21
210.0	3.56	3.44	0.11	20.36	85.33	210.0	1.17	1.23	1.21
215.0	3.57	3.45	0.12	20.37	85.34	215.0	1.17	1.23	1.22
220.0	3.58	3.46	0.12	20.38	85.36	220.0	1.18	1.24	1.23
225.0	3.58	3.49	0.09	20.39	85.39	225.0	1.19	1.24	1.24
230.0	3.58	3.52	0.06	20.38	85.44	230.0	1.20	1.25	1.25
235.0	3.57	3.56	0.00	20.36	85.50	235.0	1.21	1.25	1.26
240.0	3.55	3.62	0.06	20.32	85.57	240.0	1.22	1.26	1.28
245.0	3.53	3.68	0.15	20.26	85.67	245.0	1.24	1.27	1.29
250.0	3.50	3.76	0.26	20.16	85.79	250.0	1.26	1.28	1.31
255.0	3.47	3.86	0.38	20.03	85.96	255.0	1.28	1.29	1.33
260.0	3.43	3.97	0.53	19.87	86.15	260.0	1.30	1.31	1.35
265.0	3.39	4.09	0.70	19.66	86.40	265.0	1.33	1.32	1.38

¹Total Loss = Insertion Loss + 3dB Splitter Loss

