

# 2 Way-90° Power Splitter/Combiner

# ADQ-22+

## Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
95.0	2.63	3.78	1.15	31.31	90.78	95.0	1.09	1.09	1.06
100.0	2.76	3.61	0.85	31.02	90.87	100.0	1.09	1.09	1.06
104.0	2.87	3.49	0.62	30.83	90.95	104.0	1.09	1.09	1.06
105.0	2.89	3.47	0.57	30.81	90.96	105.0	1.09	1.09	1.06
110.0	3.02	3.35	0.33	30.57	91.06	110.0	1.09	1.09	1.06
115.0	3.13	3.24	0.11	30.30	91.16	115.0	1.09	1.09	1.06
120.0	3.23	3.15	0.08	30.11	91.27	120.0	1.10	1.10	1.06
125.0	3.31	3.08	0.24	29.89	91.36	125.0	1.10	1.10	1.06
130.0	3.39	3.02	0.37	29.73	91.48	130.0	1.10	1.10	1.06
135.0	3.45	2.97	0.48	29.60	91.60	135.0	1.10	1.10	1.06
140.0	3.51	2.94	0.57	29.50	91.70	140.0	1.10	1.10	1.06
145.0	3.54	2.91	0.63	29.42	91.83	145.0	1.10	1.10	1.06
150.0	3.57	2.91	0.66	29.36	91.97	150.0	1.10	1.10	1.06
155.0	3.58	2.91	0.67	29.34	92.09	155.0	1.10	1.10	1.06
160.0	3.58	2.93	0.65	29.32	92.23	160.0	1.10	1.10	1.06
165.0	3.56	2.96	0.60	29.37	92.38	165.0	1.11	1.10	1.06
170.0	3.53	3.01	0.52	29.43	92.53	170.0	1.11	1.11	1.05
175.0	3.48	3.07	0.41	29.58	92.70	175.0	1.11	1.11	1.05
180.0	3.42	3.15	0.26	29.74	92.88	180.0	1.11	1.11	1.05
183.0	3.37	3.21	0.16	29.88	92.98	183.0	1.11	1.10	1.05
185.0	3.34	3.26	0.08	30.01	93.05	185.0	1.11	1.10	1.05
190.0	3.24	3.38	0.14	30.37	93.26	190.0	1.11	1.10	1.05
195.0	3.13	3.53	0.41	30.87	93.48	195.0	1.11	1.10	1.04
200.0	2.99	3.72	0.72	31.54	93.71	200.0	1.11	1.10	1.04

<sup>1</sup>Total Loss = Insertion Loss + 3dB Splitter Loss

