

2 Way-90° Power Splitter/Combiner

ADQ-32W+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	(dB)						S	1	2
	S-1	S-2							
104.0	2.65	3.99	1.34	22.56	90.93	104.0	1.20	1.22	1.22
106.0	2.70	3.93	1.23	22.43	90.97	106.0	1.20	1.22	1.22
108.0	2.75	3.87	1.12	22.29	90.99	108.0	1.20	1.22	1.22
110.0	2.80	3.82	1.02	22.15	91.02	110.0	1.20	1.22	1.22
115.0	2.92	3.69	0.77	21.86	91.09	115.0	1.20	1.22	1.22
120.0	3.03	3.58	0.55	21.58	91.15	120.0	1.20	1.22	1.23
140.0	3.40	3.26	0.14	20.67	91.41	140.0	1.21	1.23	1.23
160.0	3.67	3.07	0.60	20.12	91.68	160.0	1.21	1.24	1.24
180.0	3.84	2.98	0.87	19.90	91.94	180.0	1.20	1.25	1.25
200.0	3.92	2.95	0.98	19.96	92.15	200.0	1.19	1.25	1.25
220.0	3.93	2.97	0.95	20.34	92.31	220.0	1.18	1.25	1.25
240.0	3.86	3.04	0.82	21.04	92.47	240.0	1.17	1.24	1.24
260.0	3.75	3.16	0.59	22.28	92.56	260.0	1.15	1.22	1.23
280.0	3.59	3.32	0.27	24.27	92.65	280.0	1.12	1.20	1.22
300.0	3.39	3.53	0.14	27.41	92.73	300.0	1.08	1.16	1.19
320.0	3.18	3.81	0.63	30.93	92.86	320.0	1.05	1.12	1.17
321.0	3.17	3.83	0.66	30.99	92.87	321.0	1.05	1.12	1.17
323.0	3.14	3.86	0.71	31.06	92.88	323.0	1.05	1.12	1.17
325.0	3.12	3.89	0.77	31.02	92.91	325.0	1.05	1.11	1.17
327.0	3.10	3.92	0.82	30.90	92.93	327.0	1.05	1.11	1.17
329.0	3.08	3.96	0.88	30.66	92.95	329.0	1.05	1.10	1.17
340.0	2.95	4.16	1.21	28.27	93.11	340.0	1.07	1.08	1.17

¹Total Loss = Insertion Loss + 3dB Splitter Loss

