

# 2 Way-90° Power Splitter/Combiner

# ADQ-32+

## Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS <sup>1</sup>		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR		
	(dB)						(:1)		
	S-1	S-2					S	1	2
160.0	2.70	3.85	1.15	20.36	88.66	160.0	1.23	1.23	1.25
170.0	2.86	3.65	0.80	20.38	88.75	170.0	1.22	1.23	1.25
180.0	3.01	3.49	0.48	20.45	88.84	180.0	1.22	1.22	1.24
190.0	3.14	3.35	0.21	20.53	88.94	190.0	1.21	1.21	1.24
200.0	3.26	3.23	0.02	20.63	89.05	200.0	1.20	1.20	1.23
210.0	3.36	3.14	0.22	20.75	89.17	210.0	1.20	1.20	1.22
220.0	3.45	3.07	0.38	20.89	89.29	220.0	1.19	1.19	1.21
230.0	3.52	3.01	0.51	21.03	89.42	230.0	1.19	1.18	1.21
235.0	3.55	2.99	0.56	21.10	89.49	235.0	1.18	1.18	1.20
240.0	3.57	2.97	0.60	21.19	89.57	240.0	1.18	1.18	1.20
245.0	3.59	2.95	0.63	21.29	89.64	245.0	1.18	1.18	1.20
250.0	3.60	2.95	0.66	21.39	89.73	250.0	1.17	1.17	1.19
255.0	3.61	2.94	0.67	21.51	89.81	255.0	1.17	1.17	1.19
260.0	3.62	2.95	0.67	21.62	89.91	260.0	1.17	1.17	1.19
265.0	3.62	2.95	0.67	21.75	90.00	265.0	1.16	1.16	1.18
270.0	3.62	2.96	0.65	21.89	90.11	270.0	1.16	1.16	1.18
275.0	3.60	2.98	0.63	22.05	90.21	275.0	1.16	1.16	1.18
280.0	3.59	3.00	0.59	22.21	90.33	280.0	1.15	1.15	1.17
285.0	3.56	3.02	0.54	22.40	90.46	285.0	1.15	1.15	1.17
290.0	3.53	3.05	0.48	22.60	90.58	290.0	1.15	1.15	1.17
295.0	3.50	3.09	0.40	22.80	90.72	295.0	1.14	1.14	1.16
300.0	3.46	3.14	0.32	23.02	90.88	300.0	1.14	1.14	1.16
305.0	3.42	3.20	0.22	23.24	91.04	305.0	1.13	1.13	1.16
310.0	3.37	3.26	0.10	23.45	91.24	310.0	1.13	1.13	1.15
315.0	3.31	3.34	0.03	23.68	91.43	315.0	1.12	1.13	1.14
320.0	3.25	3.42	0.18	23.87	91.66	320.0	1.12	1.12	1.14
327.0	3.15	3.56	0.41	24.12	92.01	327.0	1.11	1.12	1.13

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



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IF/RF MICROWAVE COMPONENTS

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