

2 Way-90° Power Splitter/Combiner

ADQ-ED12462/1

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	AVG.					S	1	2
60.0	1.48	5.86	3.67	4.38	33.74	90.18	60.0	1.09	1.09	1.07
65.0	1.65	5.42	3.54	3.77	33.20	90.26	65.0	1.09	1.09	1.07
70.0	1.83	5.05	3.44	3.22	32.82	90.33	70.0	1.09	1.09	1.07
75.0	2.00	4.72	3.36	2.72	32.43	90.41	75.0	1.09	1.09	1.07
80.0	2.16	4.43	3.30	2.27	32.16	90.51	80.0	1.09	1.09	1.07
85.0	2.32	4.18	3.25	1.86	31.88	90.60	85.0	1.09	1.09	1.06
90.0	2.48	3.97	3.23	1.49	31.58	90.68	90.0	1.09	1.09	1.06
95.0	2.63	3.78	3.21	1.15	31.31	90.78	95.0	1.09	1.09	1.06
100.0	2.76	3.61	3.19	0.85	31.02	90.87	100.0	1.09	1.09	1.06
104.0	2.87	3.49	3.18	0.62	30.83	90.95	104.0	1.09	1.09	1.06
105.0	2.89	3.47	3.18	0.57	30.81	90.96	105.0	1.09	1.09	1.06
110.0	3.02	3.35	3.19	0.33	30.57	91.06	110.0	1.09	1.09	1.06
115.0	3.13	3.24	3.19	0.11	30.30	91.16	115.0	1.09	1.09	1.06
120.0	3.23	3.15	3.19	0.08	30.11	91.27	120.0	1.10	1.10	1.06
125.0	3.31	3.08	3.20	0.24	29.89	91.36	125.0	1.10	1.10	1.06
130.0	3.39	3.02	3.21	0.37	29.73	91.48	130.0	1.10	1.10	1.06
135.0	3.45	2.97	3.21	0.48	29.60	91.60	135.0	1.10	1.10	1.06
140.0	3.51	2.94	3.23	0.57	29.50	91.70	140.0	1.10	1.10	1.06
145.0	3.54	2.91	3.23	0.63	29.42	91.83	145.0	1.10	1.10	1.06
150.0	3.57	2.91	3.24	0.66	29.36	91.97	150.0	1.10	1.10	1.06
155.0	3.58	2.91	3.25	0.67	29.34	92.09	155.0	1.10	1.10	1.06
160.0	3.58	2.93	3.26	0.65	29.32	92.23	160.0	1.10	1.10	1.06
165.0	3.56	2.96	3.26	0.60	29.37	92.38	165.0	1.11	1.10	1.06
170.0	3.53	3.01	3.27	0.52	29.43	92.53	170.0	1.11	1.11	1.05
175.0	3.48	3.07	3.28	0.41	29.58	92.70	175.0	1.11	1.11	1.05
180.0	3.42	3.15	3.29	0.26	29.74	92.88	180.0	1.11	1.11	1.05
183.0	3.37	3.21	3.29	0.16	29.88	92.98	183.0	1.11	1.10	1.05
185.0	3.34	3.26	3.30	0.08	30.01	93.05	185.0	1.11	1.10	1.05
190.0	3.24	3.38	3.31	0.14	30.37	93.26	190.0	1.11	1.10	1.05
195.0	3.13	3.53	3.33	0.41	30.87	93.48	195.0	1.11	1.10	1.04
200.0	2.99	3.72	3.36	0.72	31.54	93.71	200.0	1.11	1.10	1.04
205.0	2.84	3.94	3.39	1.10	32.40	94.00	205.0	1.11	1.09	1.03
210.0	2.68	4.21	3.45	1.54	33.57	94.31	210.0	1.11	1.08	1.02
215.0	2.50	4.55	3.53	2.05	34.98	94.69	215.0	1.11	1.07	1.02
220.0	2.30	4.96	3.63	2.66	36.25	95.15	220.0	1.10	1.06	1.02
225.0	2.09	5.47	3.78	3.38	36.00	95.73	225.0	1.10	1.05	1.04
230.0	1.87	6.11	3.99	4.24	33.51	96.51	230.0	1.11	1.04	1.06
235.0	1.65	6.94	4.30	5.28	30.22	97.59	235.0	1.12	1.03	1.09
240.0	1.44	8.01	4.73	6.56	27.09	99.19	240.0	1.13	1.05	1.13
245.0	1.25	9.43	5.34	8.18	24.34	101.73	245.0	1.16	1.09	1.18
250.0	1.10	11.39	6.25	10.29	21.93	106.15	250.0	1.19	1.13	1.23

¹ Total Loss = Insertion Loss + 3dB Splitter Loss