

2 Way-90° Power Splitter/Combiner

ADPQ-ED8376/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2	AVG.					S	1	2
150.0	1.74	5.13	3.44	3.39	29.69	89.91	150.0	1.07	1.07	1.07
160.0	1.92	4.77	3.35	2.85	29.10	89.93	160.0	1.07	1.08	1.08
170.0	2.10	4.45	3.28	2.35	28.55	89.94	170.0	1.08	1.08	1.08
180.0	2.27	4.16	3.22	1.89	27.98	89.99	180.0	1.08	1.08	1.08
190.0	2.46	3.91	3.19	1.45	27.46	90.00	190.0	1.09	1.09	1.09
200.0	2.64	3.68	3.16	1.04	26.96	90.04	200.0	1.09	1.09	1.09
210.0	2.82	3.47	3.15	0.65	26.48	90.10	210.0	1.10	1.10	1.10
220.0	3.00	3.28	3.14	0.28	26.00	90.12	220.0	1.10	1.10	1.10
230.0	3.18	3.11	3.15	0.07	25.54	90.14	230.0	1.11	1.11	1.11
235.0	3.26	3.03	3.15	0.23	25.32	90.21	235.0	1.11	1.11	1.11
236.0	3.28	3.01	3.15	0.27	25.28	90.18	236.0	1.11	1.11	1.11
237.0	3.30	3.00	3.15	0.30	25.23	90.18	237.0	1.11	1.11	1.11
238.0	3.31	2.99	3.15	0.33	25.20	90.21	238.0	1.11	1.11	1.11
239.0	3.33	2.97	3.15	0.36	25.15	90.19	239.0	1.11	1.11	1.11
239.2	3.33	2.97	3.15	0.37	25.15	90.22	239.2	1.11	1.11	1.11
239.4	3.34	2.97	3.16	0.37	25.12	90.17	239.4	1.11	1.11	1.11
239.6	3.34	2.96	3.15	0.38	25.12	90.21	239.6	1.11	1.11	1.11
239.8	3.35	2.96	3.16	0.39	25.10	90.20	239.8	1.11	1.11	1.11
240.0	3.34	2.95	3.15	0.39	25.09	90.20	240.0	1.11	1.11	1.11
240.2	3.35	2.95	3.15	0.40	25.10	90.23	240.2	1.11	1.11	1.11
240.4	3.36	2.95	3.16	0.41	25.06	90.20	240.4	1.11	1.11	1.11
240.6	3.36	2.95	3.16	0.41	25.08	90.21	240.6	1.11	1.11	1.11
240.8	3.36	2.94	3.15	0.42	25.07	90.18	240.8	1.11	1.11	1.11
241.0	3.37	2.94	3.16	0.43	25.06	90.26	241.0	1.11	1.11	1.11
242.0	3.38	2.92	3.15	0.46	24.99	90.19	242.0	1.11	1.11	1.11
243.0	3.40	2.91	3.16	0.49	24.96	90.23	243.0	1.11	1.11	1.11
244.0	3.41	2.89	3.15	0.52	24.92	90.24	244.0	1.12	1.11	1.11
245.0	3.43	2.88	3.16	0.55	24.87	90.24	245.0	1.12	1.11	1.11
260.0	3.68	2.67	3.18	1.01	24.23	90.34	260.0	1.12	1.12	1.12
270.0	3.83	2.56	3.20	1.28	23.79	90.37	270.0	1.13	1.13	1.13
280.0	4.00	2.44	3.22	1.55	23.37	90.45	280.0	1.13	1.13	1.13
290.0	4.16	2.36	3.26	1.80	22.98	90.50	290.0	1.14	1.14	1.14
300.0	4.31	2.27	3.29	2.04	22.59	90.61	300.0	1.15	1.15	1.14
310.0	4.46	2.20	3.33	2.26	22.20	90.70	310.0	1.15	1.15	1.15
320.0	4.61	2.13	3.37	2.48	21.82	90.76	320.0	1.16	1.16	1.16
330.0	4.75	2.06	3.41	2.68	21.45	90.86	330.0	1.17	1.16	1.16
340.0	4.88	2.01	3.45	2.87	21.08	90.96	340.0	1.18	1.17	1.17
350.0	5.00	1.94	3.47	3.06	20.71	91.05	350.0	1.18	1.18	1.18

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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