

2 Way-90° Power Splitter/Combiner

ADPQ-ED13049

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-2	AVG.					S	(:1) 1	2
50	12.31	0.34	6.33	11.97	39.10	89.87	50	1.05	1.05	1.05
75	9.15	0.67	4.91	8.48	35.00	89.77	75	1.07	1.07	1.07
100	7.10	1.09	4.10	6.01	32.02	89.69	100	1.09	1.09	1.08
125	5.68	1.56	3.62	4.12	29.67	89.63	125	1.10	1.10	1.09
130	5.44	1.65	3.55	3.79	29.24	89.63	130	1.10	1.10	1.09
135	5.23	1.75	3.49	3.47	28.85	89.61	135	1.10	1.10	1.09
140	5.02	1.85	3.44	3.17	28.52	89.59	140	1.10	1.10	1.10
145	4.83	1.95	3.39	2.88	28.18	89.58	145	1.10	1.10	1.10
150	4.65	2.05	3.35	2.60	27.77	89.56	150	1.10	1.10	1.10
155	4.48	2.16	3.32	2.33	27.42	89.56	155	1.10	1.10	1.10
160	4.32	2.26	3.29	2.07	27.08	89.57	160	1.11	1.10	1.10
165	4.17	2.36	3.27	1.81	26.79	89.56	165	1.11	1.10	1.10
170	4.03	2.46	3.25	1.57	26.45	89.56	170	1.11	1.10	1.10
175	3.90	2.57	3.24	1.33	26.12	89.57	175	1.11	1.10	1.10
180	3.77	2.67	3.22	1.10	25.82	89.58	180	1.11	1.10	1.10
183	3.70	2.73	3.22	0.97	25.64	89.58	183	1.11	1.10	1.10
185	3.65	2.77	3.21	0.88	25.54	89.59	185	1.11	1.10	1.10
190	3.54	2.87	3.21	0.67	25.27	89.59	190	1.11	1.10	1.10
195	3.43	2.97	3.20	0.46	25.02	89.60	195	1.11	1.10	1.10
200	3.33	3.07	3.20	0.26	24.78	89.60	200	1.11	1.10	1.10
205	3.23	3.17	3.20	0.06	24.55	89.60	205	1.11	1.10	1.10
210	3.14	3.27	3.21	0.13	24.28	89.61	210	1.11	1.11	1.10
215	3.05	3.36	3.21	0.31	24.04	89.63	215	1.12	1.11	1.10
220	2.97	3.46	3.22	0.49	23.81	89.63	220	1.12	1.11	1.10
225	2.89	3.56	3.23	0.66	23.59	89.62	225	1.12	1.11	1.10
230	2.82	3.65	3.24	0.83	23.40	89.62	230	1.12	1.11	1.10
233	2.78	3.70	3.24	0.93	23.26	89.61	233	1.12	1.11	1.10
235	2.75	3.74	3.25	0.99	23.16	89.62	235	1.12	1.11	1.10
240	2.68	3.83	3.26	1.15	22.97	89.63	240	1.12	1.11	1.10
245	2.62	3.92	3.27	1.30	22.75	89.64	245	1.12	1.11	1.10
250	2.56	4.01	3.29	1.45	22.54	89.65	250	1.12	1.11	1.10
255	2.51	4.10	3.31	1.59	22.31	89.68	255	1.12	1.11	1.10
260	2.45	4.18	3.32	1.73	22.08	89.70	260	1.12	1.11	1.10
265	2.41	4.27	3.34	1.86	21.88	89.72	265	1.12	1.11	1.10
270	2.36	4.35	3.36	1.99	21.69	89.74	270	1.13	1.11	1.10
275	2.31	4.43	3.37	2.12	21.47	89.76	275	1.13	1.11	1.10
300	2.13	4.82	3.48	2.69	20.42	89.92	300	1.14	1.12	1.10
325	1.99	5.15	3.57	3.16	19.41	90.16	325	1.15	1.13	1.11
350	1.90	5.43	3.67	3.53	18.41	90.51	350	1.17	1.15	1.13

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss