

2 Way-90° Power Splitter/Combiner

ADPQ-ED10656

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-2	AVG.					S	1	2
30.0	5.71	1.46	3.59	4.25	31.80	90.20	30.0	1.10	1.02	1.12
32.0	5.35	1.60	3.48	3.75	31.49	90.28	32.0	1.10	1.03	1.12
34.0	5.03	1.76	3.40	3.28	31.22	90.26	34.0	1.11	1.03	1.12
36.0	4.75	1.90	3.33	2.85	30.93	90.32	36.0	1.11	1.03	1.12
38.0	4.49	2.04	3.27	2.44	30.66	90.32	38.0	1.11	1.03	1.12
40.0	4.26	2.20	3.23	2.06	30.41	90.33	40.0	1.11	1.03	1.12
42.0	4.05	2.34	3.20	1.71	30.15	90.39	42.0	1.11	1.04	1.12
44.0	3.86	2.49	3.18	1.38	29.86	90.51	44.0	1.12	1.04	1.12
46.0	3.70	2.63	3.17	1.07	29.57	90.47	46.0	1.12	1.04	1.12
48.0	3.55	2.76	3.16	0.78	29.25	90.51	48.0	1.12	1.04	1.13
50.0	3.41	2.89	3.15	0.52	28.92	90.62	50.0	1.13	1.04	1.13
55.0	3.11	3.18	3.15	0.07	27.96	90.65	55.0	1.14	1.05	1.14
60.0	2.88	3.41	3.15	0.53	26.88	90.84	60.0	1.16	1.06	1.15
65.0	2.72	3.63	3.18	0.91	25.67	91.10	65.0	1.18	1.06	1.17
70.0	2.61	3.81	3.21	1.20	24.38	91.31	70.0	1.20	1.08	1.19
75.0	2.58	3.96	3.27	1.38	23.08	91.73	75.0	1.23	1.09	1.21
80.0	2.59	4.07	3.33	1.49	21.82	92.08	80.0	1.25	1.12	1.24
85.0	2.61	4.12	3.37	1.51	20.61	92.63	85.0	1.26	1.14	1.27
90.0	2.67	4.08	3.38	1.42	19.36	93.27	90.0	1.29	1.18	1.31
92.0	2.71	4.05	3.38	1.34	18.84	93.60	92.0	1.31	1.20	1.33
94.0	2.76	4.02	3.39	1.26	18.30	94.04	94.0	1.34	1.21	1.35
96.0	2.84	3.97	3.41	1.13	17.78	94.41	96.0	1.37	1.23	1.37
98.0	2.93	3.92	3.43	0.99	17.25	94.95	98.0	1.40	1.26	1.39
100.0	3.05	3.88	3.47	0.83	16.72	95.58	100.0	1.44	1.28	1.42
102.0	3.19	3.84	3.52	0.66	16.20	96.39	102.0	1.48	1.30	1.45
104.0	3.36	3.82	3.59	0.46	15.68	97.22	104.0	1.52	1.33	1.49
106.0	3.55	3.79	3.67	0.24	15.15	98.29	106.0	1.57	1.36	1.52
108.0	3.79	3.79	3.79	0.00	14.60	99.46	108.0	1.62	1.39	1.57
110.0	4.04	3.78	3.91	0.27	14.04	100.71	110.0	1.67	1.43	1.62

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

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