

2 Way-90° Power Splitter/Combiner

ADPQ-ED7888/1

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) 1	2
550.0	4.44	3.06	3.75	1.38	15.49	87.09	550.0	1.58	1.69	1.73
560.0	4.39	3.12	3.76	1.28	15.56	87.26	560.0	1.57	1.68	1.73
570.0	4.34	3.16	3.75	1.18	15.63	87.38	570.0	1.56	1.68	1.72
580.0	4.28	3.18	3.73	1.10	15.70	87.56	580.0	1.55	1.68	1.71
590.0	4.21	3.20	3.71	1.01	15.75	87.71	590.0	1.53	1.67	1.69
600.0	4.15	3.21	3.68	0.93	15.82	87.96	600.0	1.52	1.67	1.68
620.0	4.03	3.27	3.65	0.76	15.97	88.23	620.0	1.50	1.66	1.67
640.0	3.94	3.34	3.64	0.61	16.17	88.53	640.0	1.48	1.65	1.65
660.0	3.88	3.41	3.65	0.47	16.39	88.79	660.0	1.46	1.64	1.64
680.0	3.79	3.45	3.62	0.35	16.61	89.16	680.0	1.44	1.63	1.62
700.0	3.71	3.48	3.60	0.22	16.84	89.49	700.0	1.42	1.63	1.60
720.0	3.63	3.50	3.57	0.13	17.09	89.72	720.0	1.40	1.62	1.58
740.0	3.55	3.54	3.55	0.01	17.37	89.98	740.0	1.37	1.61	1.55
760.0	3.50	3.59	3.55	0.09	17.71	90.18	760.0	1.35	1.60	1.53
780.0	3.48	3.63	3.56	0.15	18.07	90.44	780.0	1.33	1.59	1.51
800.0	3.44	3.65	3.55	0.21	18.46	90.63	800.0	1.31	1.58	1.49
820.0	3.36	3.62	3.49	0.26	18.82	90.86	820.0	1.29	1.57	1.47
840.0	3.31	3.61	3.46	0.30	19.27	90.94	840.0	1.28	1.56	1.45
860.0	3.33	3.65	3.49	0.32	19.82	90.98	860.0	1.26	1.55	1.42
880.0	3.36	3.68	3.52	0.31	20.41	91.00	880.0	1.25	1.53	1.40
900.0	3.34	3.63	3.49	0.29	20.99	91.14	900.0	1.23	1.51	1.38
920.0	3.31	3.56	3.44	0.26	21.62	91.19	920.0	1.22	1.49	1.36
940.0	3.33	3.53	3.43	0.20	22.31	91.03	940.0	1.21	1.47	1.33
960.0	3.43	3.52	3.48	0.09	23.04	90.99	960.0	1.21	1.44	1.31
980.0	3.50	3.45	3.48	0.05	23.63	90.98	980.0	1.20	1.41	1.28
1000.0	3.55	3.34	3.45	0.21	23.93	90.95	1000.0	1.20	1.37	1.25
1020.0	3.63	3.22	3.43	0.40	23.79	90.84	1020.0	1.21	1.33	1.21
1040.0	3.79	3.11	3.45	0.67	23.15	90.76	1040.0	1.22	1.28	1.17
1060.0	4.00	3.00	3.50	1.00	22.03	90.91	1060.0	1.24	1.22	1.13
1080.0	4.25	2.86	3.56	1.39	20.60	91.14	1080.0	1.28	1.15	1.08
1100.0	4.56	2.73	3.65	1.84	19.06	91.64	1100.0	1.34	1.08	1.06

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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