

2 Way-90° Power Splitter/Combiner

ADPQ-ED8187/1

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
140.0	3.76	2.61	3.19	1.15	24.65	89.38	140.0	1.13	1.13	1.14
145.0	3.64	2.71	3.18	0.93	24.68	89.37	145.0	1.13	1.13	1.14
150.0	3.53	2.81	3.17	0.72	24.70	89.44	150.0	1.13	1.13	1.14
155.0	3.43	2.91	3.17	0.52	24.74	89.48	155.0	1.14	1.13	1.14
160.0	3.34	2.99	3.17	0.34	24.75	89.48	160.0	1.14	1.14	1.14
165.0	3.26	3.08	3.17	0.17	24.77	89.52	165.0	1.14	1.14	1.15
170.0	3.17	3.16	3.17	0.01	24.79	89.58	170.0	1.14	1.14	1.15
175.0	3.12	3.24	3.18	0.12	24.80	89.58	175.0	1.14	1.14	1.15
180.0	3.06	3.31	3.19	0.25	24.79	89.62	180.0	1.14	1.14	1.15
185.0	3.00	3.37	3.19	0.38	24.77	89.67	185.0	1.15	1.15	1.16
190.0	2.95	3.44	3.20	0.49	24.74	89.74	190.0	1.15	1.15	1.16
200.0	2.88	3.54	3.21	0.67	24.60	89.87	200.0	1.15	1.15	1.17
204.0	2.85	3.58	3.22	0.73	24.51	89.94	204.0	1.15	1.15	1.17
208.0	2.83	3.62	3.23	0.78	24.40	90.01	208.0	1.16	1.15	1.17
212.0	2.81	3.65	3.23	0.83	24.30	90.10	212.0	1.16	1.16	1.18
216.0	2.80	3.67	3.24	0.87	24.15	90.14	216.0	1.16	1.16	1.18
220.0	2.79	3.69	3.24	0.90	23.97	90.18	220.0	1.16	1.16	1.18
224.0	2.78	3.71	3.25	0.93	23.79	90.30	224.0	1.17	1.16	1.19
228.0	2.78	3.72	3.25	0.94	23.59	90.36	228.0	1.17	1.17	1.19
232.0	2.79	3.73	3.26	0.94	23.35	90.48	232.0	1.17	1.17	1.20
236.0	2.79	3.74	3.27	0.95	23.10	90.60	236.0	1.18	1.17	1.20
240.0	2.80	3.74	3.27	0.94	22.79	90.76	240.0	1.18	1.18	1.21
244.0	2.82	3.74	3.28	0.92	22.46	90.91	244.0	1.19	1.18	1.22
248.0	2.84	3.73	3.29	0.89	22.12	91.04	248.0	1.19	1.19	1.22
252.0	2.88	3.73	3.31	0.85	21.75	91.22	252.0	1.20	1.19	1.23
256.0	2.91	3.71	3.31	0.80	21.35	91.43	256.0	1.20	1.20	1.24
260.0	2.95	3.70	3.33	0.75	20.94	91.64	260.0	1.21	1.21	1.25
264.0	3.00	3.68	3.34	0.68	20.50	91.91	264.0	1.22	1.22	1.26
268.0	3.06	3.66	3.36	0.60	20.05	92.19	268.0	1.23	1.22	1.27
272.0	3.12	3.63	3.38	0.51	19.57	92.48	272.0	1.24	1.23	1.28
276.0	3.19	3.60	3.40	0.41	19.08	92.82	276.0	1.25	1.24	1.30
280.0	3.27	3.56	3.42	0.29	18.58	93.23	280.0	1.26	1.25	1.31

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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