

2 Way-90° Power Splitter/Combiner

ADQ-ED13072

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
225.0	3.65	3.13	0.52	20.92	90.75	225.0	1.09	1.12	1.12
231.0	3.58	3.20	0.37	20.92	90.82	231.0	1.09	1.13	1.13
240.0	3.48	3.31	0.17	20.94	90.92	240.0	1.09	1.13	1.13
245.0	3.43	3.36	0.07	20.96	90.98	245.0	1.09	1.13	1.13
250.0	3.38	3.41	0.03	20.98	91.04	250.0	1.09	1.14	1.14
255.0	3.34	3.46	0.12	20.99	91.09	255.0	1.10	1.14	1.14
260.0	3.30	3.51	0.21	21.00	91.16	260.0	1.10	1.14	1.14
265.0	3.27	3.56	0.29	21.02	91.22	265.0	1.10	1.14	1.14
270.0	3.23	3.60	0.36	21.04	91.30	270.0	1.10	1.14	1.15
275.0	3.20	3.64	0.43	21.07	91.38	275.0	1.10	1.15	1.15
280.0	3.18	3.67	0.50	21.09	91.45	280.0	1.10	1.15	1.15
285.0	3.15	3.71	0.56	21.14	91.53	285.0	1.10	1.15	1.15
290.0	3.13	3.74	0.61	21.16	91.61	290.0	1.10	1.15	1.16
295.0	3.11	3.77	0.66	21.19	91.68	295.0	1.10	1.15	1.16
300.0	3.09	3.80	0.71	21.23	91.75	300.0	1.10	1.16	1.16
305.0	3.08	3.83	0.75	21.28	91.83	305.0	1.10	1.16	1.16
310.0	3.07	3.86	0.79	21.32	91.91	310.0	1.10	1.16	1.16
315.0	3.06	3.88	0.82	21.38	91.99	315.0	1.10	1.16	1.16
320.0	3.05	3.90	0.84	21.44	92.07	320.0	1.10	1.16	1.17
325.0	3.05	3.91	0.86	21.49	92.15	325.0	1.10	1.16	1.17
330.0	3.05	3.92	0.87	21.56	92.24	330.0	1.10	1.17	1.17
335.0	3.05	3.93	0.88	21.64	92.32	335.0	1.10	1.17	1.17
340.0	3.05	3.94	0.88	21.71	92.41	340.0	1.10	1.17	1.17
345.0	3.06	3.94	0.88	21.78	92.50	345.0	1.10	1.17	1.17
350.0	3.07	3.94	0.87	21.86	92.58	350.0	1.10	1.17	1.18
354.0	3.08	3.94	0.86	21.91	92.65	354.0	1.10	1.17	1.18
375.0	3.16	3.90	0.74	22.37	93.08	375.0	1.09	1.18	1.18
400.0	3.34	3.79	0.45	23.12	93.67	400.0	1.07	1.19	1.19
425.0	3.63	3.60	0.03	24.33	94.40	425.0	1.06	1.21	1.19
450.0	4.08	3.34	0.75	26.50	95.41	450.0	1.07	1.24	1.21
475.0	4.78	3.01	1.77	31.13	96.95	475.0	1.13	1.28	1.24

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS



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