

2 Way-90° Power Splitter/Combiner

QCN-ED11876B/2

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
400.0	4.03	2.98	1.05	15.91	85.36	400.0	1.40	1.36	1.41
420.0	3.90	3.09	0.81	15.92	85.43	420.0	1.39	1.35	1.41
450.0	3.74	3.24	0.50	15.95	85.56	450.0	1.38	1.35	1.40
460.0	3.69	3.28	0.41	15.97	85.61	460.0	1.38	1.34	1.40
470.0	3.64	3.32	0.32	15.98	85.67	470.0	1.37	1.34	1.39
480.0	3.61	3.36	0.24	16.00	85.72	480.0	1.37	1.34	1.39
490.0	3.57	3.40	0.17	16.02	85.78	490.0	1.37	1.34	1.39
500.0	3.54	3.43	0.11	16.04	85.84	500.0	1.37	1.34	1.39
510.0	3.51	3.46	0.05	16.06	85.91	510.0	1.36	1.34	1.39
520.0	3.49	3.48	0.00	16.09	85.98	520.0	1.36	1.34	1.38
530.0	3.46	3.51	0.04	16.12	86.06	530.0	1.36	1.34	1.38
540.0	3.45	3.53	0.08	16.14	86.13	540.0	1.35	1.34	1.38
550.0	3.43	3.55	0.12	16.17	86.21	550.0	1.35	1.34	1.38
560.0	3.42	3.56	0.14	16.18	86.30	560.0	1.35	1.34	1.38
570.0	3.41	3.58	0.17	16.19	86.39	570.0	1.35	1.34	1.38
580.0	3.41	3.59	0.18	16.21	86.48	580.0	1.34	1.34	1.37
590.0	3.40	3.59	0.19	16.22	86.57	590.0	1.34	1.34	1.37
600.0	3.41	3.60	0.19	16.23	86.67	600.0	1.34	1.34	1.37
610.0	3.41	3.60	0.19	16.24	86.77	610.0	1.34	1.34	1.37
620.0	3.42	3.60	0.17	16.25	86.88	620.0	1.34	1.35	1.37
630.0	3.44	3.59	0.15	16.25	86.99	630.0	1.34	1.35	1.37
640.0	3.46	3.58	0.13	16.26	87.11	640.0	1.34	1.36	1.38
650.0	3.48	3.57	0.09	16.25	87.24	650.0	1.34	1.36	1.38
660.0	3.51	3.56	0.05	16.25	87.38	660.0	1.34	1.37	1.38
670.0	3.54	3.54	0.00	16.23	87.53	670.0	1.34	1.37	1.39
680.0	3.57	3.52	0.05	16.21	87.69	680.0	1.35	1.38	1.39
690.0	3.61	3.50	0.12	16.19	87.86	690.0	1.35	1.39	1.40
700.0	3.66	3.47	0.19	16.16	88.04	700.0	1.35	1.40	1.40
710.0	3.71	3.44	0.27	16.14	88.24	710.0	1.36	1.41	1.41
720.0	3.77	3.41	0.36	16.12	88.45	720.0	1.37	1.42	1.42
740.0	3.91	3.34	0.58	16.05	88.92	740.0	1.38	1.45	1.44
760.0	4.08	3.25	0.83	15.96	89.49	760.0	1.40	1.48	1.46

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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