

2 Way-90° Power Splitter/Combiner

QCN-8+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR		
	(dB)						(:1)		
	S-1	S-2					S	1	2
450.0	3.27	3.76	0.49	15.68	85.22	450.0	1.41	1.41	1.38
455.0	3.30	3.74	0.44	15.69	85.26	455.0	1.40	1.41	1.38
460.0	3.32	3.71	0.40	15.70	85.29	460.0	1.40	1.41	1.38
465.0	3.34	3.69	0.35	15.71	85.34	465.0	1.40	1.41	1.38
470.0	3.36	3.67	0.31	15.72	85.37	470.0	1.40	1.41	1.37
490.0	3.43	3.59	0.16	15.78	85.50	490.0	1.39	1.41	1.37
510.0	3.49	3.53	0.04	15.84	85.66	510.0	1.39	1.40	1.36
530.0	3.54	3.48	0.06	15.90	85.83	530.0	1.38	1.40	1.36
550.0	3.58	3.45	0.13	15.95	86.00	550.0	1.37	1.40	1.36
570.0	3.61	3.43	0.18	16.01	86.18	570.0	1.37	1.40	1.36
590.0	3.63	3.42	0.20	16.07	86.37	590.0	1.36	1.40	1.36
610.0	3.63	3.43	0.20	16.12	86.62	610.0	1.36	1.40	1.36
630.0	3.62	3.46	0.17	16.16	86.85	630.0	1.36	1.40	1.37
650.0	3.60	3.50	0.11	16.18	87.12	650.0	1.36	1.41	1.38
670.0	3.57	3.56	0.01	16.19	87.43	670.0	1.37	1.41	1.39
690.0	3.53	3.64	0.11	16.19	87.77	690.0	1.37	1.43	1.40
710.0	3.48	3.74	0.27	16.17	88.15	710.0	1.38	1.44	1.42
730.0	3.41	3.87	0.46	16.13	88.60	730.0	1.40	1.46	1.45
750.0	3.33	4.03	0.70	16.07	89.12	750.0	1.41	1.48	1.48

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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