

2 Way-90° Power Splitter/Combiner

QCN-5D+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	(dB)						S	1	2
	S-1	S-2							
330.0	2.95	3.75	0.81	22.84	87.70	330.0	1.15	1.20	1.13
340.0	3.02	3.67	0.66	22.76	87.70	340.0	1.15	1.20	1.14
360.0	3.15	3.54	0.39	22.58	87.71	360.0	1.15	1.20	1.14
380.0	3.27	3.44	0.17	22.39	87.72	380.0	1.15	1.21	1.15
400.0	3.37	3.36	0.01	22.16	87.76	400.0	1.15	1.22	1.16
410.0	3.41	3.33	0.08	22.02	87.81	410.0	1.15	1.22	1.17
430.0	3.48	3.30	0.18	21.70	87.89	430.0	1.16	1.23	1.19
470.0	3.55	3.31	0.24	20.79	88.22	470.0	1.17	1.26	1.23
480.0	3.56	3.33	0.22	20.51	88.34	480.0	1.18	1.27	1.24
500.0	3.55	3.40	0.15	19.91	88.64	500.0	1.20	1.30	1.28
510.0	3.54	3.45	0.08	19.57	88.84	510.0	1.21	1.31	1.30
530.0	3.49	3.58	0.09	18.83	89.34	530.0	1.23	1.34	1.34
550.0	3.43	3.76	0.33	17.98	90.03	550.0	1.26	1.39	1.39
570.0	3.36	4.01	0.66	17.04	91.03	570.0	1.31	1.44	1.46
580.0	3.31	4.17	0.85	16.55	91.66	580.0	1.33	1.48	1.50

¹Total Loss = Insertion Loss + 3dB Splitter Loss

