

2 Way-90° Power Splitter/Combiner

QCS-981+

Typical Performance Data

FREQ.	TOTAL LOSS ¹		AMP. UNBAL.	ISOLATION	PHASE UNBAL.	FREQ.	VSWR		
(MHz)	(dB)		(dB)	(dB)	(Deg.)	(MHz)	(:1)		
	S-1	S-2		1-2		S	1	2	
540.0	3.82	3.00	0.82	21.38	88.48	540.0	1.18	1.11	1.21
560.0	3.72	3.08	0.63	21.38	88.51	560.0	1.18	1.11	1.21
580.0	3.63	3.18	0.46	21.36	88.57	580.0	1.18	1.11	1.21
600.0	3.56	3.26	0.30	21.34	88.62	600.0	1.18	1.11	1.21
620.0	3.50	3.33	0.17	21.31	88.67	620.0	1.18	1.11	1.21
640.0	3.44	3.40	0.04	21.24	88.74	640.0	1.18	1.12	1.21
660.0	3.39	3.45	0.06	21.19	88.80	660.0	1.18	1.12	1.21
680.0	3.36	3.51	0.15	21.12	88.89	680.0	1.18	1.13	1.22
700.0	3.33	3.56	0.22	21.04	88.97	700.0	1.18	1.14	1.22
720.0	3.32	3.60	0.27	20.92	89.05	720.0	1.18	1.15	1.23
740.0	3.31	3.63	0.31	20.77	89.15	740.0	1.18	1.17	1.23
760.0	3.31	3.65	0.34	20.61	89.24	760.0	1.19	1.18	1.24
780.0	3.33	3.67	0.34	20.44	89.39	780.0	1.19	1.20	1.25
800.0	3.36	3.68	0.32	20.23	89.54	800.0	1.20	1.22	1.26
820.0	3.39	3.68	0.28	20.00	89.70	820.0	1.21	1.24	1.27
840.0	3.44	3.67	0.23	19.72	89.90	840.0	1.22	1.26	1.28
860.0	3.51	3.66	0.15	19.42	90.10	860.0	1.23	1.28	1.30
880.0	3.59	3.63	0.05	19.09	90.37	880.0	1.24	1.31	1.32
900.0	3.68	3.60	0.08	18.72	90.68	900.0	1.25	1.34	1.34
920.0	3.80	3.57	0.24	18.34	91.05	920.0	1.27	1.37	1.37
940.0	3.94	3.52	0.42	17.91	91.49	940.0	1.30	1.40	1.40
960.0	4.10	3.47	0.63	17.46	91.98	960.0	1.32	1.44	1.44
980.0	4.29	3.42	0.88	16.98	92.62	980.0	1.35	1.49	1.47

¹Total Loss = Insertion Loss + 3dB Splitter Loss

