

2 Way-90° Power Splitter/Combiner

QCS-152+

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		1-2			S	1	2
820.0	4.07	3.01	1.06	17.36	85.86	820.0	1.32	1.34	1.40
840.0	4.00	3.07	0.93	17.46	85.93	840.0	1.32	1.33	1.40
860.0	3.93	3.12	0.81	17.57	85.98	860.0	1.31	1.32	1.39
880.0	3.86	3.17	0.69	17.69	86.06	880.0	1.30	1.32	1.38
900.0	3.80	3.22	0.58	17.81	86.14	900.0	1.29	1.31	1.37
920.0	3.74	3.27	0.47	17.94	86.21	920.0	1.28	1.31	1.37
940.0	3.69	3.31	0.38	18.06	86.27	940.0	1.27	1.30	1.37
960.0	3.64	3.36	0.28	18.18	86.32	960.0	1.26	1.30	1.36
980.0	3.59	3.40	0.20	18.32	86.41	980.0	1.26	1.29	1.35
1000.0	3.55	3.43	0.11	18.45	86.50	1000.0	1.24	1.29	1.34
1020.0	3.51	3.47	0.04	18.59	86.58	1020.0	1.23	1.28	1.34
1040.0	3.47	3.50	0.03	18.72	86.65	1040.0	1.23	1.28	1.33
1060.0	3.44	3.53	0.09	18.87	86.69	1060.0	1.22	1.28	1.33
1080.0	3.41	3.56	0.14	19.01	86.77	1080.0	1.21	1.28	1.32
1100.0	3.39	3.58	0.19	19.16	86.85	1100.0	1.20	1.27	1.32
1120.0	3.37	3.60	0.24	19.31	86.93	1120.0	1.20	1.27	1.31
1140.0	3.35	3.62	0.27	19.45	87.00	1140.0	1.19	1.27	1.30
1160.0	3.34	3.64	0.30	19.60	87.04	1160.0	1.18	1.27	1.30
1180.0	3.33	3.65	0.33	19.76	87.13	1180.0	1.17	1.27	1.30
1200.0	3.32	3.66	0.35	19.91	87.20	1200.0	1.17	1.27	1.29
1220.0	3.32	3.67	0.36	20.05	87.28	1220.0	1.16	1.27	1.29
1240.0	3.31	3.68	0.36	20.18	87.37	1240.0	1.15	1.27	1.28
1260.0	3.32	3.68	0.36	20.32	87.44	1260.0	1.15	1.27	1.28
1280.0	3.33	3.67	0.35	20.48	87.54	1280.0	1.14	1.28	1.28
1300.0	3.34	3.67	0.33	20.64	87.62	1300.0	1.14	1.28	1.28
1320.0	3.36	3.66	0.31	20.78	87.71	1320.0	1.13	1.28	1.27
1340.0	3.38	3.65	0.27	20.91	87.81	1340.0	1.13	1.28	1.27
1360.0	3.40	3.63	0.23	21.03	87.89	1360.0	1.12	1.29	1.27
1380.0	3.43	3.61	0.18	21.18	88.01	1380.0	1.12	1.29	1.27
1400.0	3.47	3.59	0.13	21.32	88.11	1400.0	1.12	1.30	1.28
1420.0	3.51	3.57	0.06	21.45	88.22	1420.0	1.12	1.30	1.28
1440.0	3.55	3.54	0.01	21.56	88.36	1440.0	1.11	1.30	1.28
1460.0	3.60	3.51	0.10	21.67	88.48	1460.0	1.11	1.31	1.28
1480.0	3.66	3.47	0.19	21.81	88.65	1480.0	1.11	1.32	1.29
1500.0	3.73	3.43	0.30	21.94	88.81	1500.0	1.11	1.32	1.29
1520.0	3.80	3.39	0.41	22.08	88.97	1520.0	1.11	1.33	1.30
1540.0	3.88	3.34	0.54	22.21	89.16	1540.0	1.11	1.33	1.31
1560.0	3.96	3.29	0.68	22.33	89.33	1560.0	1.11	1.34	1.32
1580.0	4.06	3.23	0.83	22.46	89.57	1580.0	1.12	1.35	1.33
1600.0	4.17	3.17	0.99	22.61	89.81	1600.0	1.12	1.36	1.34

¹Total Loss = Insertion Loss + 3dB Splitter Loss

