

2 Way-90° Power Splitter/Combiner

QCS-162+

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
1000	1.64	5.57	3.94	19.61	88.81	1000	1.13	1.13	1.14
1050	1.77	5.28	3.51	19.67	88.84	1050	1.14	1.14	1.15
1100	1.90	5.00	3.09	19.78	88.87	1100	1.14	1.14	1.16
1150	2.04	4.74	2.70	19.91	88.92	1150	1.14	1.15	1.16
1200	2.18	4.50	2.32	20.09	88.98	1200	1.15	1.15	1.17
1250	2.32	4.27	1.95	20.41	89.03	1250	1.15	1.15	1.17
1300	2.47	4.06	1.59	20.72	89.11	1300	1.15	1.15	1.17
1350	2.61	3.86	1.25	21.11	89.17	1350	1.15	1.15	1.17
1400	2.75	3.67	0.92	21.57	89.26	1400	1.14	1.15	1.17
1450	2.91	3.50	0.59	22.01	89.34	1450	1.14	1.15	1.17
1500	3.06	3.33	0.27	22.45	89.44	1500	1.14	1.15	1.17
1550	3.21	3.17	0.04	23.04	89.53	1550	1.13	1.15	1.17
1555	3.23	3.16	0.07	23.08	89.54	1555	1.13	1.15	1.17
1560	3.24	3.15	0.10	23.15	89.54	1560	1.13	1.15	1.17
1565	3.26	3.13	0.13	23.21	89.55	1565	1.13	1.15	1.17
1570	3.28	3.11	0.16	23.31	89.57	1570	1.13	1.15	1.17
1575	3.29	3.10	0.19	23.34	89.58	1575	1.13	1.15	1.17
1580	3.31	3.09	0.22	23.39	89.58	1580	1.13	1.15	1.17
1585	3.32	3.07	0.25	23.45	89.59	1585	1.13	1.15	1.17
1590	3.34	3.05	0.28	23.51	89.60	1590	1.13	1.15	1.17
1595	3.35	3.04	0.31	23.58	89.60	1595	1.13	1.15	1.17
1600	3.37	3.03	0.34	23.63	89.61	1600	1.13	1.15	1.17
1605	3.38	3.01	0.37	23.68	89.62	1605	1.13	1.15	1.17
1610	3.40	3.00	0.40	23.73	89.63	1610	1.13	1.15	1.17
1615	3.42	2.98	0.43	23.79	89.64	1615	1.13	1.15	1.17
1620	3.43	2.97	0.46	23.82	89.65	1620	1.13	1.15	1.17
1625	3.45	2.96	0.50	23.87	89.66	1625	1.13	1.15	1.17
1630	3.47	2.94	0.52	23.90	89.67	1630	1.13	1.15	1.17
1635	3.48	2.93	0.55	23.95	89.67	1635	1.13	1.15	1.17
1640	3.50	2.92	0.58	23.98	89.69	1640	1.13	1.15	1.17
1645	3.52	2.90	0.61	24.04	89.68	1645	1.13	1.15	1.17
1650	3.53	2.89	0.64	24.07	89.69	1650	1.13	1.15	1.17
1700	3.69	2.76	0.93	24.37	89.76	1700	1.12	1.15	1.17
1750	3.86	2.64	1.22	24.63	89.82	1750	1.11	1.16	1.16
1800	4.02	2.52	1.50	24.49	89.88	1800	1.11	1.16	1.16
1850	4.19	2.42	1.77	24.12	89.92	1850	1.11	1.17	1.16
1900	4.37	2.32	2.04	23.59	89.95	1900	1.11	1.18	1.16
1950	4.54	2.23	2.31	22.78	89.98	1950	1.11	1.19	1.16
2000	4.72	2.15	2.56	21.76	89.98	2000	1.12	1.21	1.17

¹Total Loss = Insertion Loss + 3dB Splitter Loss

