

2 Way-90° Power Splitter/Combiner

QCN-ED13193

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
675.0	3.66	3.07	0.60	19.08	88.91	675.0	1.24	1.25	1.20
682.0	3.63	3.09	0.54	19.12	88.94	682.0	1.24	1.24	1.20
692.0	3.58	3.13	0.45	19.18	88.99	692.0	1.23	1.24	1.19
702.0	3.54	3.17	0.37	19.24	89.03	702.0	1.23	1.24	1.19
712.0	3.50	3.21	0.29	19.29	89.07	712.0	1.22	1.24	1.18
722.0	3.46	3.24	0.22	19.34	89.14	722.0	1.22	1.23	1.17
728.0	3.43	3.26	0.17	19.36	89.17	728.0	1.22	1.23	1.17
733.0	3.42	3.28	0.14	19.38	89.19	733.0	1.22	1.23	1.17
738.0	3.40	3.30	0.10	19.41	89.22	738.0	1.22	1.23	1.17
743.0	3.38	3.32	0.06	19.42	89.24	743.0	1.21	1.23	1.16
748.0	3.36	3.33	0.03	19.45	89.27	748.0	1.21	1.23	1.16
750.0	3.35	3.34	0.01	19.47	89.28	750.0	1.21	1.22	1.16
850.0	3.06	3.64	0.58	20.12	89.80	850.0	1.17	1.19	1.11
950.0	2.88	3.85	0.97	20.72	90.31	950.0	1.14	1.16	1.06
1050.0	2.81	3.96	1.14	21.02	90.75	1050.0	1.11	1.13	1.04
1150.0	2.87	3.93	1.07	20.83	91.22	1150.0	1.10	1.12	1.07
1210.0	2.97	3.85	0.88	20.41	91.51	1210.0	1.11	1.12	1.10
1220.0	2.99	3.83	0.84	20.29	91.57	1220.0	1.11	1.12	1.11
1230.0	3.02	3.81	0.79	20.17	91.64	1230.0	1.12	1.12	1.11
1232.0	3.03	3.81	0.78	20.14	91.66	1232.0	1.12	1.12	1.11
1236.0	3.04	3.80	0.76	20.09	91.69	1236.0	1.12	1.12	1.11
1240.0	3.05	3.79	0.74	20.04	91.72	1240.0	1.12	1.12	1.12
1250.0	3.08	3.76	0.68	19.92	91.79	1250.0	1.12	1.12	1.12
1255.0	3.10	3.75	0.65	19.86	91.82	1255.0	1.13	1.12	1.12
1260.0	3.11	3.73	0.62	19.81	91.86	1260.0	1.13	1.12	1.13
1265.0	3.13	3.72	0.59	19.74	91.91	1265.0	1.13	1.12	1.13
1270.0	3.15	3.71	0.56	19.67	91.95	1270.0	1.13	1.12	1.13
1275.0	3.17	3.69	0.53	19.59	92.00	1275.0	1.13	1.12	1.14
1280.0	3.18	3.68	0.49	19.52	92.05	1280.0	1.13	1.13	1.14
1285.0	3.20	3.66	0.46	19.45	92.10	1285.0	1.13	1.13	1.15
1288.0	3.22	3.65	0.43	19.40	92.12	1288.0	1.13	1.13	1.15
1300.0	3.27	3.61	0.34	19.21	92.20	1300.0	1.14	1.13	1.16
1350.0	3.54	3.41	0.13	18.16	92.75	1350.0	1.16	1.15	1.19

¹Total Loss = Insertion Loss + 3dB Splitter Loss



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site www.minicircuits.com



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IF/RF MICROWAVE COMPONENTS



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