

2 Way-90° Power Splitter/Combiner

QCS-ED13415/2

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					S	1	2
1700.0	4.19	2.83	1.36	22.56	88.28	1700.0	1.34	1.06	1.33
1800.0	3.99	2.96	1.03	23.40	88.35	1800.0	1.31	1.05	1.30
1850.0	3.90	3.03	0.88	23.83	88.38	1850.0	1.30	1.06	1.28
1900.0	3.82	3.09	0.73	24.32	88.40	1900.0	1.29	1.06	1.27
1950.0	3.74	3.14	0.60	24.85	88.39	1950.0	1.27	1.07	1.25
2000.0	3.67	3.20	0.47	25.37	88.40	2000.0	1.26	1.08	1.23
2050.0	3.61	3.25	0.36	25.96	88.39	2050.0	1.25	1.08	1.22
2100.0	3.55	3.30	0.25	26.50	88.35	2100.0	1.23	1.10	1.21
2150.0	3.50	3.35	0.15	27.09	88.33	2150.0	1.22	1.10	1.20
2200.0	3.45	3.39	0.06	27.62	88.29	2200.0	1.21	1.11	1.18
2250.0	3.42	3.43	0.01	28.10	88.25	2250.0	1.19	1.12	1.17
2300.0	3.38	3.46	0.08	28.54	88.18	2300.0	1.18	1.13	1.16
2350.0	3.36	3.50	0.14	28.76	88.15	2350.0	1.17	1.15	1.15
2400.0	3.33	3.52	0.19	29.07	88.08	2400.0	1.15	1.15	1.15
2450.0	3.32	3.55	0.23	28.97	88.04	2450.0	1.14	1.17	1.14
2500.0	3.30	3.56	0.26	29.08	87.98	2500.0	1.13	1.17	1.13
2550.0	3.30	3.59	0.29	28.72	87.94	2550.0	1.12	1.18	1.13
2600.0	3.30	3.59	0.29	28.38	87.90	2600.0	1.10	1.19	1.12
2650.0	3.31	3.60	0.30	28.02	87.89	2650.0	1.09	1.20	1.12
2700.0	3.31	3.60	0.29	27.51	87.87	2700.0	1.09	1.21	1.11
2750.0	3.33	3.60	0.27	27.13	87.90	2750.0	1.08	1.22	1.11
2800.0	3.36	3.59	0.24	26.62	87.90	2800.0	1.08	1.23	1.10
2850.0	3.38	3.58	0.20	26.15	87.98	2850.0	1.07	1.23	1.10
2900.0	3.42	3.56	0.15	25.76	88.01	2900.0	1.08	1.25	1.10
2950.0	3.46	3.54	0.08	25.33	88.14	2950.0	1.08	1.25	1.10
3000.0	3.50	3.51	0.01	25.02	88.22	3000.0	1.09	1.26	1.10
3050.0	3.55	3.48	0.07	24.63	88.36	3050.0	1.10	1.26	1.11
3100.0	3.60	3.44	0.16	24.37	88.48	3100.0	1.11	1.26	1.11
3150.0	3.67	3.40	0.27	24.08	88.62	3150.0	1.12	1.27	1.12
3200.0	3.74	3.35	0.39	23.91	88.74	3200.0	1.13	1.27	1.12
3250.0	3.81	3.29	0.52	23.75	88.89	3250.0	1.14	1.27	1.13
3300.0	3.90	3.24	0.65	23.60	88.99	3300.0	1.15	1.26	1.14
3350.0	3.98	3.17	0.81	23.64	89.12	3350.0	1.16	1.27	1.15
3400.0	4.09	3.12	0.97	23.51	89.21	3400.0	1.17	1.26	1.16
3450.0	4.19	3.04	1.15	23.70	89.29	3450.0	1.17	1.26	1.17
3500.0	4.32	2.98	1.34	23.72	89.36	3500.0	1.19	1.24	1.18
3600.0	4.60	2.82	1.78	24.33	89.42	3600.0	1.20	1.22	1.20

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
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IF/RF MICROWAVE COMPONENTS

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