

2 Way-90° Power Splitter/Combiner

QCS-442+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹		AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (Deg.)	FREQ. (MHz)	VSWR		
	(dB)						S	(:1)	
	S-1	S-2						1	2
2800.0	3.53	3.43	0.33	26.98	86.65	2800.0	1.23	1.06	1.30
2900.0	3.36	3.59	0.23	30.56	86.57	2900.0	1.24	1.09	1.26
3300.0	3.18	3.76	0.58	29.65	86.40	3300.0	1.16	1.19	1.19
3350.0	3.16	3.77	0.61	28.91	86.46	3350.0	1.16	1.19	1.18
3400.0	3.16	3.78	0.62	28.15	86.48	3400.0	1.14	1.19	1.17
3450.0	3.15	3.79	0.64	26.74	86.55	3450.0	1.16	1.20	1.16
3500.0	3.16	3.80	0.64	26.19	86.61	3500.0	1.16	1.21	1.16
3600.0	3.17	3.81	0.63	25.04	86.75	3600.0	1.16	1.21	1.13
3650.0	3.19	3.81	0.62	24.05	86.83	3650.0	1.18	1.21	1.13
3700.0	3.21	3.81	0.60	23.85	86.89	3700.0	1.19	1.21	1.12
3750.0	3.23	3.81	0.58	23.52	87.00	3750.0	1.18	1.21	1.12
3800.0	3.25	3.80	0.54	23.23	87.02	3800.0	1.20	1.21	1.11
3850.0	3.28	3.79	0.51	22.93	87.13	3850.0	1.20	1.20	1.10
3875.0	3.30	3.78	0.49	22.70	87.13	3875.0	1.21	1.20	1.10
3900.0	3.32	3.78	0.46	22.71	87.14	3900.0	1.21	1.20	1.10
3925.0	3.33	3.77	0.44	22.84	87.18	3925.0	1.21	1.20	1.10
3950.0	3.34	3.76	0.41	22.90	87.21	3950.0	1.20	1.19	1.09
3975.0	3.36	3.74	0.38	22.85	87.20	3975.0	1.20	1.19	1.09
4000.0	3.38	3.74	0.36	22.74	87.20	4000.0	1.21	1.19	1.09
4050.0	3.41	3.71	0.30	22.80	87.24	4050.0	1.20	1.18	1.08
4100.0	3.46	3.69	0.23	22.77	87.26	4100.0	1.21	1.18	1.08
4150.0	3.49	3.65	0.16	22.82	87.28	4150.0	1.21	1.17	1.07
4200.0	3.54	3.62	0.08	22.96	87.31	4200.0	1.20	1.17	1.06
4250.0	3.59	3.58	0.01	22.84	87.32	4250.0	1.21	1.17	1.05
4275.0	3.61	3.56	0.05	22.94	87.34	4275.0	1.20	1.17	1.05
4300.0	3.64	3.54	0.10	23.07	87.37	4300.0	1.19	1.16	1.05
4325.0	3.67	3.53	0.15	23.05	87.38	4325.0	1.19	1.16	1.05
4350.0	3.69	3.50	0.20	22.97	87.38	4350.0	1.20	1.16	1.04
4375.0	3.72	3.47	0.25	23.00	87.42	4375.0	1.19	1.16	1.04
4400.0	3.75	3.45	0.30	23.15	87.45	4400.0	1.18	1.16	1.04

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS



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