

# 4 Way-0° Power Splitter/Combiner

# SRSC-4-63+

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)				
	S-1	S-2	S-3	S-4		1-2	2-3	2-4			S	1	2	3	4
1	12.09	12.08	12.04	12.04	0.05	6.06	18.08	18.09	0.30	1	1.00	1.00	1.00	1.01	1.01
5	12.07	12.07	12.04	12.04	0.04	6.06	18.06	18.07	0.10	5	1.00	1.00	1.00	1.01	1.01
10	12.07	12.06	12.03	12.04	0.03	6.06	18.06	18.06	0.11	10	1.00	1.00	1.00	1.01	1.01
50	12.06	12.06	12.03	12.02	0.03	6.06	18.04	18.04	0.12	50	1.01	1.01	1.01	1.01	1.01
70	12.06	12.06	12.03	12.03	0.04	6.06	18.04	18.04	0.07	70	1.01	1.02	1.02	1.02	1.02
100	12.05	12.05	12.03	12.03	0.02	6.06	18.04	18.04	0.12	100	1.02	1.03	1.03	1.03	1.02
200	12.08	12.08	12.05	12.05	0.03	6.07	18.10	18.07	0.22	200	1.05	1.05	1.05	1.05	1.05
400	12.18	12.18	12.15	12.16	0.03	6.13	18.35	18.26	0.44	400	1.10	1.11	1.11	1.11	1.10
600	12.32	12.32	12.30	12.32	0.02	6.21	18.76	18.54	0.79	600	1.14	1.17	1.16	1.15	1.14
800	12.47	12.50	12.47	12.49	0.04	6.31	19.27	18.87	1.25	800	1.17	1.21	1.19	1.17	1.17
1000	12.60	12.68	12.63	12.65	0.08	6.39	19.86	19.24	1.67	1000	1.20	1.23	1.20	1.18	1.19
1200	12.75	12.83	12.77	12.79	0.08	6.46	20.50	19.60	2.18	1200	1.22	1.24	1.21	1.18	1.19
1400	12.83	12.94	12.85	12.85	0.10	6.49	21.14	19.94	2.70	1400	1.26	1.25	1.20	1.17	1.19
1600	12.90	13.00	12.88	12.85	0.15	6.52	21.76	20.20	3.10	1600	1.30	1.25	1.19	1.17	1.19
1800	12.92	13.00	12.85	12.78	0.23	6.53	22.24	20.33	3.39	1800	1.34	1.26	1.21	1.18	1.21
2000	12.83	12.96	12.78	12.66	0.31	6.53	22.58	20.34	3.41	2000	1.38	1.29	1.23	1.19	1.24
2200	12.70	12.86	12.66	12.49	0.36	6.54	22.68	20.16	3.40	2200	1.40	1.31	1.24	1.21	1.27
2400	12.52	12.72	12.51	12.29	0.43	6.58	22.56	19.85	3.28	2400	1.39	1.33	1.28	1.22	1.28
2600	12.26	12.54	12.36	12.09	0.45	6.64	22.31	19.51	3.07	2600	1.35	1.33	1.30	1.21	1.27
2800	12.08	12.34	12.19	11.91	0.43	6.71	21.90	19.13	2.97	2800	1.27	1.30	1.27	1.20	1.24
3000	11.91	12.16	12.03	11.75	0.41	6.81	21.46	18.84	2.94	3000	1.17	1.26	1.25	1.17	1.20
3200	11.79	12.03	11.94	11.68	0.34	6.91	20.91	18.59	3.06	3200	1.10	1.19	1.23	1.14	1.15
3400	11.78	11.99	11.93	11.70	0.29	7.02	20.29	18.40	3.44	3400	1.12	1.12	1.18	1.12	1.11
3600	11.78	12.07	11.98	11.80	0.28	7.15	19.66	18.30	3.81	3600	1.21	1.08	1.13	1.11	1.10
3800	11.85	12.21	12.10	11.96	0.36	7.27	19.07	18.26	4.28	3800	1.29	1.05	1.13	1.09	1.09
4000	12.03	12.39	12.20	12.13	0.36	7.37	18.63	18.39	4.85	4000	1.35	1.08	1.12	1.09	1.11
4200	12.18	12.56	12.32	12.27	0.38	7.42	18.38	18.67	5.30	4200	1.40	1.12	1.10	1.11	1.15
4400	12.36	12.71	12.41	12.39	0.35	7.48	18.16	18.97	5.91	4400	1.42	1.17	1.11	1.13	1.17
4600	12.54	12.83	12.50	12.48	0.34	7.51	17.96	19.26	6.14	4600	1.47	1.20	1.13	1.15	1.19
4800	12.59	12.88	12.58	12.53	0.34	7.57	17.57	19.28	6.54	4800	1.46	1.22	1.13	1.16	1.19
5000	12.64	12.95	12.65	12.56	0.39	7.68	17.15	19.15	7.06	5000	1.46	1.25	1.12	1.16	1.21
5200	12.66	12.98	12.78	12.58	0.40	7.84	16.63	18.82	7.76	5200	1.38	1.26	1.16	1.16	1.19
5400	12.61	13.01	12.95	12.61	0.40	8.05	16.12	18.41	8.28	5400	1.29	1.25	1.20	1.18	1.18
5600	12.65	13.05	13.13	12.63	0.49	8.26	15.62	18.00	8.66	5600	1.17	1.26	1.21	1.21	1.17
5800	12.71	13.12	13.28	12.67	0.61	8.46	15.19	17.66	8.77	5800	1.11	1.29	1.25	1.22	1.16
6000	12.77	13.11	13.42	12.73	0.68	8.55	14.72	17.32	8.39	6000	1.02	1.28	1.29	1.24	1.18
6500	12.84	13.21	13.70	12.90	0.85	8.69	13.63	16.67	7.86	6500	1.02	1.18	1.23	1.14	1.18
7000	13.15	13.73	14.38	13.47	1.22	9.27	12.88	16.34	8.31	7000	1.21	1.09	1.16	1.10	1.17
7500	14.31	15.02	16.00	14.82	1.70	9.98	12.59	16.21	8.74	7500	1.73	1.28	1.33	1.44	1.31
8000	16.19	16.52	17.85	16.82	1.67	9.79	13.58	17.04	10.13	8000	2.02	1.79	1.79	2.09	1.78

<sup>1</sup> Total Loss = Insertion Loss + 12dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. OR  
 SRSC-4-63+  
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