

4 Way-0° Power Splitter/Combiner

SCA-4-132+

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-3	S-4		1-2	2-3	3-4			S	1	2	3	4
1	6.65	6.37	6.57	6.80	0.43	20.18	28.95	26.37	1.75	1	1.17	1.84	1.72	1.61	1.73
3	6.43	6.25	6.38	6.55	0.30	25.43	34.16	31.79	0.93	3	1.07	1.43	1.37	1.34	1.40
5	6.40	6.23	6.35	6.50	0.27	27.82	36.68	33.76	0.60	5	1.05	1.35	1.30	1.28	1.33
7	6.39	6.23	6.34	6.49	0.27	28.92	38.06	34.33	0.43	7	1.04	1.32	1.27	1.26	1.30
9	6.39	6.23	6.34	6.49	0.26	29.47	38.69	34.46	0.31	9	1.04	1.30	1.26	1.25	1.29
10	6.39	6.23	6.34	6.49	0.26	29.62	38.90	34.44	0.27	10	1.04	1.30	1.25	1.25	1.29
20	6.41	6.25	6.36	6.51	0.26	30.09	39.34	33.76	0.16	20	1.04	1.28	1.24	1.24	1.28
30	6.42	6.26	6.37	6.53	0.27	30.18	39.07	33.10	0.16	30	1.04	1.28	1.23	1.24	1.28
40	6.43	6.28	6.39	6.55	0.27	30.22	38.93	32.62	0.18	40	1.04	1.27	1.23	1.23	1.28
50	6.44	6.29	6.40	6.56	0.27	30.18	38.82	32.17	0.20	50	1.05	1.27	1.23	1.23	1.27
60	6.45	6.30	6.42	6.57	0.27	30.10	38.63	31.72	0.20	60	1.05	1.27	1.22	1.23	1.27
70	6.46	6.31	6.43	6.58	0.27	29.96	38.36	31.29	0.19	70	1.05	1.26	1.22	1.23	1.27
80	6.47	6.32	6.43	6.59	0.27	29.83	38.18	30.90	0.19	80	1.05	1.26	1.22	1.23	1.27
90	6.48	6.33	6.44	6.60	0.27	29.69	37.98	30.52	0.22	90	1.06	1.26	1.22	1.22	1.27
100	6.49	6.34	6.45	6.61	0.27	29.53	37.94	30.15	0.28	100	1.06	1.26	1.22	1.22	1.26
150	6.52	6.37	6.49	6.65	0.28	28.61	37.22	28.39	0.32	150	1.07	1.25	1.21	1.22	1.25
200	6.56	6.41	6.53	6.69	0.27	27.62	36.46	26.90	0.43	200	1.08	1.24	1.20	1.21	1.24
250	6.59	6.45	6.57	6.72	0.28	26.62	35.74	25.63	0.50	250	1.09	1.23	1.20	1.20	1.23
300	6.63	6.48	6.60	6.76	0.28	25.76	35.27	24.61	0.60	300	1.11	1.22	1.19	1.19	1.22
350	6.67	6.52	6.64	6.80	0.28	24.87	34.71	23.70	0.63	350	1.12	1.21	1.19	1.18	1.21
400	6.71	6.56	6.68	6.84	0.29	24.01	34.18	22.91	0.69	400	1.14	1.20	1.19	1.17	1.20
450	6.75	6.60	6.72	6.89	0.30	23.21	33.75	22.22	0.78	450	1.15	1.19	1.18	1.16	1.18
500	6.80	6.63	6.77	6.94	0.30	22.48	33.40	21.63	0.85	500	1.17	1.18	1.18	1.16	1.17
550	6.85	6.68	6.81	6.98	0.30	21.79	33.00	21.09	0.92	550	1.19	1.17	1.17	1.15	1.16
600	6.90	6.72	6.86	7.03	0.31	21.11	32.66	20.60	0.99	600	1.21	1.16	1.17	1.14	1.14
650	6.96	6.77	6.91	7.08	0.31	20.48	32.26	20.17	1.06	650	1.23	1.15	1.16	1.13	1.13
700	7.01	6.82	6.96	7.14	0.31	19.93	32.01	19.80	1.16	700	1.26	1.14	1.15	1.13	1.11
750	7.08	6.87	7.01	7.19	0.32	19.42	31.65	19.47	1.22	750	1.28	1.12	1.14	1.12	1.10
800	7.14	6.93	7.07	7.25	0.32	18.97	31.36	19.18	1.29	800	1.30	1.11	1.13	1.11	1.08
850	7.21	6.99	7.13	7.30	0.32	18.56	31.09	18.94	1.37	850	1.32	1.10	1.12	1.11	1.06
900	7.27	7.04	7.19	7.37	0.32	18.23	30.94	18.74	1.48	900	1.33	1.08	1.10	1.10	1.05
950	7.35	7.11	7.25	7.43	0.32	17.95	30.75	18.58	1.56	950	1.34	1.07	1.09	1.10	1.04
1000	7.42	7.17	7.32	7.49	0.32	17.74	30.64	18.47	1.65	1000	1.34	1.06	1.09	1.10	1.03
1100	7.57	7.31	7.46	7.62	0.31	17.47	30.55	18.38	1.85	1100	1.32	1.04	1.08	1.11	1.04
1200	7.74	7.47	7.60	7.76	0.29	17.42	30.68	18.43	2.06	1200	1.28	1.04	1.10	1.12	1.07
1300	7.93	7.65	7.78	7.91	0.28	17.51	30.78	18.54	2.29	1300	1.22	1.06	1.13	1.14	1.10
1400	8.16	7.87	7.98	8.10	0.28	17.75	30.57	18.65	2.68	1400	1.17	1.08	1.17	1.16	1.12
1500	8.43	8.14	8.23	8.33	0.28	18.12	29.90	18.70	3.13	1500	1.16	1.10	1.20	1.18	1.14
1600	8.76	8.48	8.54	8.61	0.27	18.70	28.75	18.66	3.66	1600	1.20	1.12	1.24	1.19	1.16

¹Total Loss = Insertion Loss + 6dB Splitter Loss

