

4 Way-0° Power Splitter/Combiner

SCA-ED10699/1

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
5.0	6.48	6.25	6.38	6.62	0.37	27.49	35.06	28.91	1.15	5.0	1.06	1.36	1.29	1.33	1.38
6.0	6.47	6.25	6.37	6.61	0.36	28.09	35.92	29.46	0.98	6.0	1.05	1.34	1.28	1.31	1.36
7.0	6.47	6.25	6.37	6.60	0.35	28.57	36.51	29.89	0.87	7.0	1.05	1.33	1.27	1.30	1.34
8.0	6.46	6.25	6.37	6.60	0.34	28.91	36.96	30.22	0.76	8.0	1.05	1.31	1.26	1.29	1.33
9.0	6.46	6.25	6.37	6.59	0.34	29.20	37.30	30.50	0.69	9.0	1.05	1.31	1.25	1.28	1.32
10.0	6.46	6.25	6.37	6.59	0.33	29.45	37.56	30.73	0.64	10.0	1.04	1.30	1.25	1.28	1.32
30.0	6.47	6.28	6.40	6.61	0.33	30.74	38.16	31.79	0.27	30.0	1.04	1.27	1.22	1.25	1.29
50.0	6.49	6.31	6.43	6.64	0.33	30.61	38.02	31.42	0.26	50.0	1.05	1.26	1.22	1.25	1.28
70.0	6.51	6.33	6.45	6.66	0.33	30.37	37.96	30.92	0.29	70.0	1.05	1.26	1.21	1.24	1.27
90.0	6.53	6.35	6.48	6.68	0.33	30.13	38.02	30.46	0.33	90.0	1.06	1.25	1.21	1.24	1.27
100.0	6.54	6.36	6.49	6.69	0.33	30.01	38.07	30.24	0.33	100.0	1.06	1.25	1.21	1.24	1.27
125.0	6.56	6.38	6.51	6.71	0.33	29.75	38.28	29.71	0.37	125.0	1.07	1.25	1.21	1.23	1.26
150.0	6.58	6.40	6.54	6.74	0.34	29.52	38.62	29.24	0.42	150.0	1.08	1.25	1.21	1.23	1.26
175.0	6.60	6.42	6.56	6.76	0.34	29.28	39.08	28.80	0.47	175.0	1.10	1.24	1.21	1.23	1.25
200.0	6.62	6.44	6.58	6.78	0.34	29.05	39.66	28.37	0.51	200.0	1.11	1.24	1.21	1.23	1.25
225.0	6.64	6.46	6.60	6.80	0.34	28.78	40.35	27.95	0.56	225.0	1.12	1.24	1.21	1.22	1.24
250.0	6.66	6.48	6.63	6.82	0.34	28.46	41.16	27.54	0.62	250.0	1.13	1.24	1.21	1.22	1.24
300.0	6.70	6.52	6.67	6.87	0.35	27.64	42.43	26.68	0.70	300.0	1.15	1.23	1.21	1.22	1.23
325.0	6.72	6.54	6.70	6.89	0.35	27.14	42.61	26.23	0.77	325.0	1.16	1.23	1.21	1.22	1.22
350.0	6.74	6.56	6.72	6.91	0.35	26.59	42.30	25.78	0.82	350.0	1.16	1.22	1.21	1.22	1.21
375.0	6.76	6.58	6.74	6.93	0.35	26.02	41.47	25.31	0.86	375.0	1.17	1.22	1.21	1.21	1.21
400.0	6.78	6.60	6.76	6.96	0.36	25.41	40.28	24.83	0.91	400.0	1.18	1.21	1.21	1.21	1.20
425.0	6.81	6.62	6.79	6.98	0.36	24.79	39.00	24.34	0.95	425.0	1.18	1.21	1.20	1.21	1.19
450.0	6.83	6.64	6.81	7.01	0.37	24.17	37.65	23.85	0.99	450.0	1.19	1.20	1.20	1.21	1.19
475.0	6.85	6.66	6.84	7.04	0.37	23.56	36.37	23.38	1.06	475.0	1.19	1.19	1.20	1.21	1.18
500.0	6.88	6.69	6.87	7.06	0.38	22.98	35.20	22.91	1.10	500.0	1.20	1.18	1.19	1.20	1.17
525.0	6.90	6.71	6.90	7.09	0.38	22.40	34.11	22.45	1.14	525.0	1.20	1.17	1.19	1.20	1.16
550.0	6.93	6.74	6.93	7.13	0.39	21.86	33.12	22.00	1.18	550.0	1.21	1.16	1.18	1.20	1.15
575.0	6.96	6.76	6.97	7.16	0.40	21.35	32.19	21.57	1.22	575.0	1.21	1.15	1.17	1.19	1.14
600.0	6.99	6.80	7.01	7.20	0.40	20.85	31.36	21.16	1.21	600.0	1.22	1.14	1.17	1.19	1.13
625.0	7.02	6.81	7.03	7.23	0.42	20.40	30.62	20.78	1.23	625.0	1.23	1.13	1.16	1.19	1.12
650.0	7.05	6.84	7.07	7.27	0.43	20.00	29.96	20.45	1.29	650.0	1.25	1.12	1.16	1.19	1.11
675.0	7.08	6.87	7.10	7.30	0.43	19.63	29.35	20.14	1.34	675.0	1.26	1.11	1.15	1.19	1.10
700.0	7.11	6.90	7.14	7.34	0.44	19.31	28.82	19.87	1.38	700.0	1.28	1.10	1.15	1.19	1.10
750.0	7.19	6.97	7.22	7.43	0.46	18.76	27.87	19.42	1.43	750.0	1.32	1.09	1.16	1.20	1.09
800.0	7.28	7.06	7.32	7.54	0.48	18.38	27.12	19.11	1.51	800.0	1.38	1.10	1.18	1.21	1.11
850.0	7.39	7.16	7.44	7.65	0.49	18.14	26.52	18.94	1.61	850.0	1.45	1.13	1.21	1.24	1.13
900.0	7.51	7.27	7.56	7.78	0.51	18.06	26.05	18.91	1.72	900.0	1.53	1.17	1.25	1.27	1.17
950.0	7.65	7.39	7.70	7.93	0.53	18.13	25.71	19.04	1.82	950.0	1.61	1.22	1.30	1.32	1.21
1000.0	7.79	7.53	7.85	8.08	0.55	18.36	25.47	19.31	1.94	1000.0	1.70	1.27	1.35	1.36	1.25

¹ Total Loss = Insertion Loss + 6dB Splitter Loss