

4 Way-0° Power Splitter/Combiner

SCPS-ED16170/1

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
0.1	6.30	6.30	6.30	6.31	0.01	24.36	32.40	22.02	0.05	0.1	1.21	1.34	1.34	1.40	1.40
0.3	6.25	6.25	6.24	6.25	0.01	27.67	32.17	26.30	0.02	0.3	1.08	1.12	1.12	1.14	1.14
0.5	6.23	6.23	6.23	6.24	0.01	28.70	32.01	27.53	0.03	0.5	1.06	1.08	1.08	1.09	1.09
0.7	6.22	6.22	6.21	6.22	0.01	29.18	31.96	28.13	0.03	0.7	1.05	1.07	1.07	1.07	1.07
1.0	6.20	6.20	6.19	6.20	0.01	29.61	31.93	28.60	0.02	1.0	1.04	1.05	1.05	1.06	1.06
2.0	6.17	6.17	6.16	6.17	0.01	30.10	31.93	29.31	0.02	2.0	1.03	1.04	1.04	1.04	1.04
3.0	6.16	6.16	6.16	6.16	0.01	30.29	31.94	29.60	0.04	3.0	1.03	1.04	1.04	1.04	1.04
4.0	6.16	6.16	6.15	6.16	0.01	30.29	31.99	29.72	0.04	4.0	1.02	1.03	1.04	1.03	1.03
5.0	6.16	6.16	6.15	6.16	0.01	30.29	32.00	29.73	0.04	5.0	1.02	1.03	1.03	1.03	1.03
6.0	6.16	6.16	6.16	6.16	0.01	30.25	32.03	29.74	0.03	6.0	1.02	1.03	1.03	1.03	1.03
8.0	6.17	6.17	6.16	6.17	0.01	30.17	32.02	29.73	0.04	8.0	1.02	1.03	1.03	1.03	1.03
10.0	6.18	6.18	6.17	6.18	0.01	30.12	32.08	29.68	0.04	10.0	1.03	1.03	1.03	1.03	1.03
12.0	6.19	6.19	6.18	6.19	0.01	30.04	32.11	29.62	0.04	12.0	1.03	1.03	1.04	1.03	1.03
14.0	6.19	6.19	6.18	6.19	0.01	29.97	32.11	29.57	0.05	14.0	1.03	1.04	1.04	1.03	1.03
16.0	6.20	6.20	6.19	6.20	0.01	29.90	32.13	29.51	0.05	16.0	1.03	1.04	1.04	1.03	1.03
18.0	6.20	6.20	6.20	6.21	0.01	29.84	32.12	29.45	0.06	18.0	1.03	1.04	1.04	1.03	1.03
20.0	6.21	6.21	6.20	6.21	0.01	29.77	32.12	29.40	0.07	20.0	1.04	1.04	1.04	1.03	1.03
22.0	6.22	6.22	6.21	6.22	0.01	29.70	32.11	29.33	0.07	22.0	1.04	1.04	1.04	1.03	1.03
24.0	6.22	6.22	6.21	6.22	0.01	29.64	32.09	29.28	0.07	24.0	1.04	1.04	1.04	1.03	1.03
26.0	6.23	6.23	6.22	6.23	0.01	29.59	32.06	29.23	0.08	26.0	1.04	1.04	1.04	1.03	1.04
28.0	6.23	6.23	6.22	6.23	0.01	29.53	32.04	29.17	0.09	28.0	1.04	1.04	1.04	1.04	1.04
30.0	6.24	6.24	6.23	6.24	0.01	29.47	32.00	29.12	0.09	30.0	1.05	1.04	1.04	1.04	1.04
35.0	6.25	6.25	6.24	6.25	0.01	29.34	31.90	28.99	0.11	35.0	1.05	1.04	1.04	1.04	1.04
40.0	6.26	6.26	6.25	6.26	0.01	29.21	31.78	28.86	0.12	40.0	1.06	1.04	1.04	1.04	1.04
45.0	6.27	6.27	6.26	6.27	0.01	29.11	31.63	28.77	0.13	45.0	1.06	1.05	1.05	1.04	1.04
50.0	6.28	6.28	6.27	6.28	0.01	29.01	31.45	28.67	0.14	50.0	1.06	1.05	1.05	1.04	1.04
60.0	6.30	6.30	6.29	6.30	0.01	28.82	31.09	28.48	0.16	60.0	1.07	1.05	1.05	1.05	1.05
80.0	6.33	6.33	6.33	6.33	0.01	28.51	30.24	28.17	0.20	80.0	1.09	1.06	1.06	1.06	1.06
100.0	6.36	6.37	6.36	6.36	0.01	28.25	29.43	27.88	0.24	100.0	1.10	1.08	1.08	1.07	1.07
150.0	6.44	6.44	6.43	6.43	0.01	27.87	27.74	27.37	0.35	150.0	1.13	1.12	1.12	1.12	1.12
200.0	6.51	6.52	6.51	6.51	0.01	27.52	26.59	26.79	0.42	200.0	1.17	1.17	1.18	1.17	1.17
250.0	6.62	6.62	6.62	6.61	0.01	26.31	26.13	25.43	0.50	250.0	1.24	1.24	1.25	1.24	1.25
300.0	6.77	6.77	6.76	6.76	0.01	23.55	26.29	22.81	0.57	300.0	1.36	1.32	1.33	1.33	1.33