

4 Way-0° Power Splitter/Combiner

SCP-4-4-75+

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
10.0	6.56	6.48	6.57	6.50	0.09	26.09	39.05	25.95	0.09	10.0	1.11	1.27	1.27	1.28	1.28
19.0	6.57	6.51	6.59	6.52	0.08	26.13	39.74	25.94	0.06	19.0	1.11	1.26	1.26	1.27	1.27
28.0	6.58	6.51	6.59	6.53	0.08	25.99	39.79	25.80	0.07	28.0	1.11	1.26	1.26	1.27	1.27
37.0	6.60	6.51	6.59	6.53	0.08	25.86	39.67	25.73	0.10	37.0	1.11	1.26	1.26	1.27	1.27
46.0	6.60	6.51	6.59	6.53	0.08	25.80	39.53	25.75	0.10	46.0	1.11	1.27	1.27	1.28	1.26
55.0	6.61	6.52	6.60	6.54	0.09	25.78	39.20	25.75	0.07	55.0	1.11	1.27	1.27	1.28	1.26
64.0	6.62	6.54	6.62	6.57	0.08	25.79	38.91	25.81	0.08	64.0	1.11	1.27	1.27	1.28	1.26
73.0	6.64	6.56	6.64	6.57	0.08	25.82	38.65	25.88	0.07	73.0	1.11	1.27	1.27	1.28	1.26
82.0	6.63	6.56	6.64	6.58	0.08	25.86	38.34	25.94	0.11	82.0	1.11	1.27	1.27	1.28	1.26
91.0	6.63	6.56	6.63	6.57	0.07	25.87	38.16	25.99	0.09	91.0	1.11	1.27	1.27	1.28	1.26
100.0	6.65	6.56	6.64	6.58	0.08	25.93	37.97	26.04	0.10	100.0	1.11	1.27	1.27	1.28	1.26
125.0	6.66	6.58	6.65	6.58	0.08	26.12	37.42	26.25	0.20	125.0	1.11	1.27	1.27	1.27	1.26
150.0	6.66	6.59	6.66	6.58	0.08	26.33	36.98	26.45	0.23	150.0	1.10	1.27	1.27	1.27	1.26
175.0	6.69	6.63	6.68	6.62	0.07	26.62	36.41	26.60	0.12	175.0	1.10	1.27	1.27	1.27	1.26
200.0	6.71	6.64	6.71	6.63	0.08	26.87	35.99	26.84	0.20	200.0	1.10	1.26	1.27	1.27	1.26
225.0	6.70	6.63	6.70	6.62	0.08	27.10	35.46	27.04	0.28	225.0	1.11	1.26	1.26	1.27	1.26
250.0	6.69	6.63	6.70	6.60	0.09	27.37	34.78	27.18	0.32	250.0	1.10	1.26	1.26	1.26	1.25
275.0	6.73	6.67	6.74	6.63	0.11	27.64	34.09	27.28	0.26	275.0	1.10	1.25	1.26	1.26	1.25
300.0	6.74	6.69	6.76	6.66	0.09	27.81	33.46	27.40	0.27	300.0	1.10	1.25	1.26	1.26	1.25
325.0	6.73	6.71	6.76	6.65	0.11	27.86	32.73	27.45	0.27	325.0	1.10	1.25	1.26	1.26	1.24
350.0	6.72	6.68	6.75	6.65	0.10	27.84	31.86	27.36	0.27	350.0	1.10	1.25	1.26	1.25	1.24
375.0	6.74	6.73	6.75	6.65	0.10	27.71	31.11	27.24	0.39	375.0	1.10	1.24	1.25	1.25	1.24
400.0	6.77	6.75	6.78	6.67	0.11	27.46	30.36	27.05	0.36	400.0	1.10	1.24	1.25	1.25	1.23
425.0	6.80	6.77	6.80	6.68	0.13	27.09	29.59	26.76	0.34	425.0	1.10	1.24	1.25	1.24	1.22
450.0	6.81	6.76	6.80	6.67	0.14	26.59	28.85	26.42	0.32	450.0	1.09	1.23	1.24	1.23	1.22
475.0	6.81	6.80	6.81	6.68	0.13	26.09	28.14	26.13	0.36	475.0	1.09	1.23	1.24	1.23	1.21
500.0	6.85	6.82	6.85	6.71	0.15	25.59	27.43	25.69	0.37	500.0	1.08	1.22	1.24	1.22	1.21
525.0	6.86	6.85	6.85	6.72	0.14	25.03	26.77	25.28	0.35	525.0	1.08	1.22	1.23	1.21	1.20
550.0	6.88	6.87	6.86	6.72	0.17	24.46	26.13	24.92	0.45	550.0	1.07	1.21	1.23	1.21	1.19
575.0	6.90	6.89	6.88	6.73	0.17	23.96	25.56	24.52	0.52	575.0	1.07	1.21	1.22	1.20	1.19
600.0	6.92	6.93	6.91	6.75	0.17	23.47	24.98	24.18	0.56	600.0	1.07	1.20	1.22	1.19	1.18
625.0	6.96	6.95	6.93	6.77	0.19	23.04	24.46	23.85	0.58	625.0	1.07	1.19	1.22	1.19	1.17
650.0	6.98	6.99	6.95	6.78	0.22	22.67	23.98	23.58	0.59	650.0	1.07	1.19	1.21	1.18	1.17
675.0	6.99	7.03	6.98	6.79	0.23	22.32	23.54	23.35	0.69	675.0	1.07	1.18	1.21	1.17	1.16
700.0	7.02	7.06	7.01	6.82	0.24	22.02	23.11	23.17	0.80	700.0	1.08	1.18	1.21	1.17	1.16
750.0	7.07	7.14	7.06	6.85	0.29	21.62	22.43	23.02	0.94	750.0	1.09	1.17	1.20	1.17	1.15
800.0	7.13	7.23	7.12	6.89	0.34	21.45	21.82	23.10	1.35	800.0	1.11	1.17	1.21	1.17	1.15
850.0	7.16	7.28	7.14	6.89	0.39	21.38	21.37	23.46	1.76	850.0	1.13	1.18	1.22	1.18	1.15
900.0	7.22	7.36	7.20	6.91	0.45	21.50	20.98	24.05	2.14	900.0	1.14	1.19	1.23	1.19	1.15
950.0	7.27	7.45	7.23	6.92	0.52	21.57	20.80	24.89	2.57	950.0	1.14	1.21	1.26	1.22	1.17
1000.0	7.32	7.55	7.29	6.96	0.59	21.44	20.64	25.48	3.07	1000.0	1.13	1.24	1.29	1.25	1.21

¹ Total Loss = Insertion Loss+ 6dB Splitter Loss

