

4 Way-0° Power Splitter/Combiner

SCP-4-1W-75+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹				AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR				
	(dB)					(dB)					(:1)				
	S-1	S-2	S-3	S-4		1-2	2-3	3-4		S	1	2	3	4	
10.00	6.52	6.53	6.54	6.53	0.02	34.28	41.32	36.11	0.06	10.00	1.12	1.20	1.20	1.18	1.20
20.00	6.52	6.53	6.54	6.53	0.02	35.02	41.76	36.58	0.10	20.00	1.11	1.19	1.18	1.17	1.19
30.00	6.53	6.55	6.55	6.54	0.02	35.34	41.23	36.85	0.16	30.00	1.11	1.19	1.18	1.17	1.19
40.00	6.54	6.55	6.56	6.55	0.02	35.56	40.65	37.07	0.14	40.00	1.11	1.19	1.18	1.17	1.19
50.00	6.55	6.56	6.57	6.55	0.02	35.69	40.05	37.21	0.26	50.00	1.11	1.19	1.18	1.17	1.19
60.00	6.56	6.57	6.58	6.56	0.02	35.81	39.65	37.28	0.27	60.00	1.12	1.19	1.19	1.18	1.19
70.00	6.56	6.58	6.58	6.57	0.02	35.76	39.11	37.15	0.31	70.00	1.12	1.19	1.19	1.18	1.19
80.00	6.58	6.58	6.59	6.58	0.02	35.79	38.74	37.10	0.38	80.00	1.12	1.19	1.19	1.18	1.19
90.00	6.59	6.59	6.60	6.58	0.02	35.72	38.36	36.97	0.43	90.00	1.12	1.20	1.19	1.18	1.19
100.00	6.59	6.59	6.61	6.58	0.02	35.65	38.04	36.73	0.51	100.00	1.13	1.20	1.20	1.18	1.19
110.00	6.59	6.60	6.60	6.59	0.02	35.60	37.71	36.53	0.55	110.00	1.13	1.20	1.20	1.19	1.19
120.00	6.59	6.61	6.61	6.59	0.02	35.51	37.36	36.32	0.57	120.00	1.13	1.20	1.20	1.19	1.20
130.00	6.60	6.61	6.61	6.59	0.02	35.39	37.07	36.08	0.61	130.00	1.13	1.20	1.20	1.19	1.20
140.00	6.61	6.62	6.62	6.59	0.03	35.25	36.77	35.79	0.68	140.00	1.14	1.20	1.20	1.19	1.21
150.00	6.61	6.62	6.62	6.60	0.02	35.11	36.45	35.50	0.74	150.00	1.14	1.20	1.20	1.19	1.21
160.00	6.61	6.62	6.62	6.61	0.01	35.01	36.21	35.25	0.75	160.00	1.14	1.20	1.20	1.20	1.21
170.00	6.61	6.62	6.63	6.61	0.02	34.86	35.95	35.01	0.83	170.00	1.14	1.20	1.20	1.20	1.21
180.00	6.62	6.63	6.63	6.61	0.02	34.73	35.68	34.72	0.85	180.00	1.15	1.21	1.21	1.20	1.21
200.00	6.63	6.64	6.64	6.62	0.02	34.42	35.18	34.15	1.00	200.00	1.16	1.21	1.21	1.21	1.22
225.00	6.64	6.65	6.65	6.63	0.03	33.93	34.61	33.45	1.13	225.00	1.16	1.22	1.22	1.22	1.23
250.00	6.65	6.66	6.65	6.62	0.04	33.42	33.99	32.69	1.21	250.00	1.17	1.22	1.23	1.22	1.24
275.00	6.65	6.66	6.66	6.63	0.04	32.86	33.44	31.95	1.35	275.00	1.18	1.22	1.23	1.23	1.25
300.00	6.67	6.68	6.67	6.63	0.05	32.22	32.85	31.20	1.43	300.00	1.19	1.23	1.23	1.23	1.25
325.00	6.67	6.69	6.67	6.63	0.06	31.53	32.31	30.42	1.54	325.00	1.19	1.23	1.24	1.25	1.26
350.00	6.68	6.70	6.68	6.64	0.06	30.79	31.75	29.67	1.66	350.00	1.20	1.23	1.25	1.26	1.27
375.00	6.68	6.72	6.70	6.65	0.07	29.98	31.20	28.92	1.77	375.00	1.20	1.24	1.25	1.26	1.28
400.00	6.69	6.73	6.69	6.65	0.08	29.17	30.66	28.12	1.86	400.00	1.20	1.24	1.25	1.26	1.28
425.00	6.71	6.74	6.71	6.65	0.09	28.38	30.10	27.38	1.96	425.00	1.20	1.24	1.26	1.27	1.29
450.00	6.72	6.76	6.73	6.66	0.10	27.56	29.55	26.64	2.01	450.00	1.20	1.24	1.27	1.28	1.31
475.00	6.73	6.78	6.74	6.67	0.11	26.80	28.96	25.92	2.15	475.00	1.19	1.24	1.28	1.30	1.31
500.00	6.73	6.79	6.74	6.67	0.13	26.03	28.39	25.22	2.25	500.00	1.18	1.24	1.28	1.30	1.30
525.00	6.75	6.80	6.75	6.67	0.13	25.27	27.81	24.53	2.29	525.00	1.18	1.24	1.27	1.29	1.30
550.00	6.77	6.83	6.76	6.68	0.15	24.55	27.25	23.87	2.36	550.00	1.17	1.24	1.27	1.29	1.31
575.00	6.78	6.85	6.78	6.70	0.16	23.87	26.67	23.24	2.54	575.00	1.15	1.23	1.28	1.30	1.32
600.00	6.79	6.87	6.79	6.70	0.18	23.21	26.10	22.64	2.54	600.00	1.14	1.23	1.29	1.31	1.30
625.00	6.81	6.90	6.82	6.71	0.18	22.59	25.55	22.07	2.67	625.00	1.13	1.23	1.28	1.31	1.28
650.00	6.83	6.93	6.84	6.73	0.20	22.02	25.00	21.53	2.74	650.00	1.11	1.22	1.27	1.31	1.29
675.00	6.85	6.96	6.86	6.74	0.22	21.47	24.47	21.03	2.78	675.00	1.10	1.21	1.27	1.30	1.30
700.00	6.88	6.99	6.89	6.77	0.22	20.97	23.95	20.57	2.88	700.00	1.09	1.21	1.27	1.31	1.28
725.00	6.90	7.02	6.91	6.78	0.24	20.50	23.44	20.15	2.88	725.00	1.08	1.21	1.27	1.32	1.25
750.00	6.93	7.06	6.94	6.80	0.26	20.07	22.95	19.75	2.96	750.00	1.08	1.20	1.27	1.32	1.26

¹Total Loss = Insertion Loss + 6dB Splitter Loss

