

4 Way-0° Power Splitter/Combiner

SCA-4-15-75+

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	6.60	6.58	7.04	7.04	0.46	18.93	33.15	24.46	3.23	10.0	1.34	1.71	1.71	1.78	1.77
15.0	6.60	6.59	7.00	7.01	0.42	20.74	34.69	25.95	2.36	15.0	1.26	1.54	1.54	1.59	1.59
20.0	6.59	6.58	6.97	6.97	0.40	21.74	35.52	26.73	1.97	20.0	1.22	1.46	1.46	1.51	1.51
30.0	6.57	6.55	6.91	6.92	0.37	22.84	36.44	27.60	1.59	30.0	1.18	1.38	1.38	1.43	1.42
40.0	6.55	6.53	6.87	6.87	0.34	23.51	36.98	28.16	1.41	40.0	1.15	1.34	1.34	1.38	1.38
50.0	6.54	6.52	6.84	6.84	0.33	24.00	37.42	28.57	1.28	50.0	1.14	1.31	1.31	1.34	1.34
60.0	6.53	6.51	6.81	6.82	0.31	24.41	37.74	28.92	1.20	60.0	1.13	1.29	1.29	1.32	1.32
80.0	6.53	6.50	6.79	6.80	0.30	25.05	38.28	29.44	1.10	80.0	1.12	1.26	1.26	1.29	1.29
100.0	6.53	6.50	6.78	6.79	0.29	25.61	38.79	29.94	1.03	100.0	1.12	1.24	1.24	1.27	1.27
200.0	6.59	6.55	6.80	6.81	0.26	28.39	42.71	32.82	1.14	200.0	1.22	1.24	1.25	1.26	1.25
300.0	6.68	6.64	6.87	6.89	0.25	33.44	63.57	38.60	1.35	300.0	1.35	1.30	1.33	1.32	1.29
400.0	6.79	6.75	6.96	6.98	0.23	54.37	41.78	36.45	1.59	400.0	1.46	1.36	1.41	1.38	1.33
500.0	6.92	6.88	7.07	7.10	0.22	32.57	34.56	29.28	1.80	500.0	1.56	1.41	1.46	1.41	1.37
600.0	7.02	6.99	7.17	7.20	0.21	26.35	30.46	25.00	1.95	600.0	1.61	1.44	1.51	1.45	1.41
700.0	7.08	7.05	7.23	7.26	0.21	22.74	27.61	22.08	2.03	700.0	1.64	1.44	1.52	1.47	1.43
800.0	7.12	7.11	7.28	7.32	0.22	20.33	25.49	20.01	2.15	800.0	1.64	1.44	1.52	1.47	1.42
900.0	7.15	7.15	7.34	7.38	0.23	18.67	23.94	18.56	2.28	900.0	1.62	1.41	1.51	1.47	1.41
1000.0	7.18	7.18	7.38	7.44	0.26	17.56	22.79	17.59	2.42	1000.0	1.57	1.38	1.50	1.48	1.40
1100.0	7.26	7.28	7.49	7.55	0.29	16.91	22.03	17.06	2.62	1100.0	1.54	1.37	1.51	1.50	1.41
1200.0	7.37	7.41	7.63	7.69	0.33	16.62	21.54	16.86	2.76	1200.0	1.53	1.37	1.55	1.55	1.43
1300.0	7.53	7.59	7.83	7.90	0.37	16.63	21.29	16.93	2.87	1300.0	1.57	1.41	1.63	1.64	1.47
1400.0	7.74	7.82	8.10	8.17	0.43	16.90	21.18	17.19	2.88	1400.0	1.64	1.47	1.73	1.75	1.54
1500.0	7.96	8.06	8.39	8.47	0.52	17.28	21.05	17.47	2.75	1500.0	1.75	1.54	1.84	1.87	1.61

¹Total Loss = Insertion Loss + 6dB Splitter Loss

