

4 Way-0° Power Splitter/Combiner

SCPS-ED13920/2

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
1.0	7.18	7.18	7.18	7.18	0.00	19.87	13.63	19.85	0.05	1.0	1.46	2.96	2.96	2.96	2.96
3.0	6.76	6.77	6.77	6.77	0.01	19.46	14.85	19.38	0.02	3.0	1.22	2.11	2.11	2.11	2.11
5.0	6.67	6.68	6.68	6.68	0.01	22.52	17.71	22.23	0.01	5.0	1.17	1.72	1.72	1.71	1.70
7.0	6.64	6.64	6.65	6.65	0.01	24.67	19.66	24.00	0.01	7.0	1.15	1.56	1.56	1.54	1.54
10.0	6.62	6.62	6.62	6.63	0.01	26.03	21.09	25.07	0.03	10.0	1.13	1.46	1.46	1.44	1.44
30.0	6.61	6.62	6.62	6.63	0.01	29.77	24.50	28.33	0.02	30.0	1.12	1.33	1.33	1.31	1.31
50.0	6.62	6.63	6.62	6.63	0.01	31.68	25.95	30.06	0.04	50.0	1.12	1.30	1.30	1.28	1.28
80.0	6.63	6.64	6.63	6.64	0.01	33.10	27.16	31.39	0.07	80.0	1.12	1.28	1.28	1.26	1.26
100.0	6.63	6.65	6.64	6.65	0.01	33.49	27.65	31.79	0.09	100.0	1.13	1.27	1.27	1.25	1.25
150.0	6.65	6.66	6.66	6.67	0.02	33.28	28.50	31.72	0.14	150.0	1.13	1.25	1.25	1.23	1.23
200.0	6.67	6.68	6.68	6.68	0.01	32.37	29.18	30.98	0.20	200.0	1.15	1.24	1.24	1.22	1.22
250.0	6.68	6.70	6.70	6.70	0.02	31.27	29.86	30.02	0.25	250.0	1.16	1.22	1.22	1.20	1.20
300.0	6.70	6.72	6.72	6.72	0.03	30.05	30.62	28.94	0.31	300.0	1.17	1.20	1.20	1.19	1.19
350.0	6.71	6.73	6.75	6.74	0.03	28.80	31.58	27.84	0.36	350.0	1.18	1.18	1.18	1.17	1.17
400.0	6.73	6.75	6.77	6.76	0.04	27.60	32.73	26.78	0.40	400.0	1.17	1.16	1.16	1.15	1.15
450.0	6.75	6.77	6.80	6.77	0.05	26.51	34.20	25.79	0.45	450.0	1.17	1.14	1.14	1.12	1.13
500.0	6.77	6.80	6.82	6.80	0.06	25.52	36.00	24.88	0.53	500.0	1.15	1.11	1.11	1.10	1.11
550.0	6.79	6.82	6.86	6.83	0.07	24.58	38.52	24.03	0.56	550.0	1.11	1.09	1.09	1.07	1.08
600.0	6.82	6.85	6.90	6.86	0.08	23.80	41.95	23.32	0.60	600.0	1.08	1.06	1.06	1.04	1.06
650.0	6.85	6.88	6.94	6.89	0.09	23.09	47.19	22.66	0.68	650.0	1.07	1.03	1.03	1.02	1.04
700.0	6.89	6.93	6.99	6.93	0.10	22.54	49.66	22.16	0.73	700.0	1.04	1.02	1.00	1.01	1.01
750.0	6.93	6.98	7.04	6.97	0.11	22.12	45.15	21.77	0.76	750.0	1.06	1.04	1.03	1.04	1.02
800.0	6.97	7.03	7.10	7.02	0.13	21.81	41.23	21.49	0.78	800.0	1.12	1.07	1.06	1.08	1.05
850.0	7.03	7.09	7.17	7.08	0.14	21.59	38.73	21.31	0.80	850.0	1.15	1.10	1.09	1.11	1.07
870.0	7.05	7.12	7.19	7.10	0.14	21.53	37.94	21.26	0.85	870.0	1.16	1.11	1.10	1.12	1.08
900.0	7.09	7.15	7.24	7.13	0.15	21.48	36.92	21.22	0.84	900.0	1.19	1.13	1.12	1.14	1.10
950.0	7.14	7.22	7.31	7.19	0.17	21.51	35.75	21.27	0.90	950.0	1.21	1.15	1.15	1.16	1.12
1000.0	7.21	7.29	7.39	7.25	0.18	21.63	34.94	21.41	0.93	1000.0	1.18	1.17	1.17	1.18	1.14
1100.0	7.32	7.41	7.54	7.37	0.21	22.29	34.17	22.10	1.01	1100.0	1.17	1.20	1.22	1.22	1.19
1200.0	7.43	7.53	7.67	7.47	0.24	23.63	34.49	23.39	1.14	1200.0	1.12	1.22	1.24	1.25	1.21
1300.0	7.53	7.66	7.81	7.58	0.28	25.81	35.33	25.37	1.28	1300.0	1.07	1.22	1.25	1.26	1.21
1400.0	7.65	7.79	7.97	7.69	0.31	29.15	35.64	27.91	1.43	1400.0	1.02	1.20	1.24	1.25	1.21
1500.0	7.78	7.94	8.12	7.83	0.34	34.06	34.08	29.99	1.54	1500.0	1.30	1.18	1.23	1.25	1.22



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IF/RF MICROWAVE COMPONENTS

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