

4 Way-0° Power Splitter/Combiner

SXP-ED13920A/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
10.0	6.67	6.66	6.65	6.67	0.02	24.69	21.38	25.43	0.05	10.0	1.14	1.44	1.44	1.46	1.46
30.0	6.64	6.64	6.62	6.64	0.02	30.59	26.91	30.95	0.04	30.0	1.12	1.28	1.28	1.29	1.29
50.0	6.65	6.64	6.63	6.65	0.02	33.17	29.02	33.10	0.08	50.0	1.12	1.25	1.25	1.26	1.26
70.0	6.66	6.65	6.64	6.66	0.02	34.59	30.25	34.13	0.10	70.0	1.12	1.24	1.24	1.25	1.25
90.0	6.67	6.67	6.65	6.67	0.02	35.47	31.07	34.77	0.12	90.0	1.12	1.24	1.23	1.24	1.24
100.0	6.67	6.67	6.65	6.67	0.02	35.82	31.37	35.00	0.15	100.0	1.13	1.23	1.23	1.24	1.24
150.0	6.70	6.69	6.68	6.70	0.02	36.88	32.59	35.81	0.18	150.0	1.16	1.23	1.22	1.23	1.23
200.0	6.72	6.71	6.69	6.72	0.03	37.31	33.68	36.30	0.29	200.0	1.19	1.21	1.21	1.22	1.22
250.0	6.73	6.71	6.71	6.73	0.02	37.10	34.96	36.45	0.40	250.0	1.22	1.20	1.21	1.22	1.21
300.0	6.74	6.73	6.71	6.73	0.03	36.12	36.53	35.86	0.49	300.0	1.24	1.19	1.20	1.20	1.19
350.0	6.76	6.76	6.73	6.75	0.03	34.56	38.51	34.57	0.49	350.0	1.26	1.18	1.19	1.19	1.18
375.0	6.77	6.75	6.75	6.76	0.02	33.64	39.62	33.76	0.58	375.0	1.27	1.17	1.18	1.19	1.17
400.0	6.79	6.78	6.76	6.78	0.04	32.79	40.89	32.95	0.50	400.0	1.28	1.16	1.17	1.18	1.16
450.0	6.80	6.78	6.77	6.79	0.03	31.07	43.03	31.24	0.61	450.0	1.28	1.14	1.15	1.16	1.15
500.0	6.79	6.78	6.78	6.78	0.02	29.55	42.88	29.71	0.78	500.0	1.27	1.12	1.13	1.13	1.12
550.0	6.80	6.81	6.78	6.78	0.03	28.24	40.53	28.34	0.80	550.0	1.26	1.09	1.11	1.11	1.10
600.0	6.83	6.85	6.80	6.81	0.05	27.18	38.02	27.21	0.69	600.0	1.23	1.07	1.08	1.08	1.07
650.0	6.87	6.86	6.84	6.84	0.03	26.26	35.92	26.27	0.71	650.0	1.20	1.04	1.06	1.06	1.05
700.0	6.88	6.86	6.88	6.85	0.03	25.53	34.26	25.51	0.92	700.0	1.16	1.02	1.05	1.05	1.04
725.0	6.90	6.91	6.87	6.87	0.04	25.28	33.61	25.21	0.77	725.0	1.14	1.02	1.05	1.05	1.04
750.0	6.89	6.90	6.90	6.86	0.04	25.00	33.01	24.93	1.09	750.0	1.12	1.02	1.05	1.05	1.04
775.0	6.93	6.92	6.92	6.90	0.03	24.81	32.51	24.72	0.88	775.0	1.10	1.03	1.06	1.06	1.05
800.0	6.92	6.96	6.91	6.89	0.07	24.68	32.10	24.54	1.06	800.0	1.09	1.05	1.07	1.08	1.06
850.0	6.98	7.00	6.96	6.95	0.05	24.50	31.45	24.33	0.95	850.0	1.06	1.08	1.10	1.10	1.09
900.0	7.03	7.02	7.03	7.00	0.04	24.48	31.07	24.28	1.12	900.0	1.03	1.10	1.13	1.13	1.12
940.0	7.03	7.07	7.07	6.99	0.08	24.62	30.96	24.40	1.40	940.0	1.03	1.12	1.16	1.15	1.15
960.0	7.09	7.08	7.11	7.05	0.06	24.72	30.91	24.48	1.22	960.0	1.04	1.13	1.17	1.17	1.16
980.0	7.10	7.13	7.10	7.06	0.07	24.89	30.91	24.58	0.99	980.0	1.04	1.14	1.18	1.18	1.17
1002.0	7.09	7.15	7.15	7.05	0.10	25.07	30.97	24.79	1.36	1002.0	1.06	1.15	1.19	1.19	1.18
1050.0	7.15	7.23	7.18	7.12	0.11	25.66	31.16	25.29	1.09	1050.0	1.07	1.17	1.22	1.21	1.21
1100.0	7.23	7.27	7.25	7.20	0.07	26.45	31.45	25.98	1.25	1100.0	1.10	1.19	1.25	1.23	1.24
1150.0	7.29	7.32	7.34	7.26	0.08	27.52	31.87	26.97	1.57	1150.0	1.11	1.21	1.27	1.26	1.26
1200.0	7.31	7.39	7.40	7.29	0.11	28.93	32.22	28.19	1.75	1200.0	1.12	1.23	1.29	1.28	1.28

¹Total Loss = Insertion Loss + 6dB Splitter Loss



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