

8 Way-0° Power Splitter/Combiner

SEPS-ED16099/1

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	S-6	S-8		1-2	2-3	3-4	6-7			S	1	8
600.0	10.23	10.25	10.22	10.22	10.19	10.22	0.09	13.64	23.77	13.28	23.56	1.85	600.0	2.37	1.50	1.52
650.0	9.99	10.02	10.00	10.00	9.98	9.98	0.07	14.44	23.77	13.98	23.53	2.10	650.0	2.02	1.46	1.48
700.0	9.80	9.84	9.83	9.83	9.81	9.80	0.06	15.33	23.65	14.73	23.40	2.31	700.0	1.74	1.42	1.45
750.0	9.67	9.71	9.71	9.71	9.69	9.66	0.05	16.29	23.47	15.56	23.23	2.49	750.0	1.50	1.40	1.42
800.0	9.59	9.63	9.65	9.65	9.63	9.58	0.07	17.31	23.33	16.43	23.10	2.72	800.0	1.31	1.37	1.39
850.0	9.55	9.59	9.63	9.63	9.61	9.55	0.08	18.36	23.30	17.36	23.08	2.95	850.0	1.17	1.35	1.37
900.0	9.55	9.60	9.65	9.65	9.64	9.56	0.10	19.40	23.38	18.34	23.17	3.21	900.0	1.12	1.33	1.35
950.0	9.59	9.65	9.71	9.70	9.70	9.61	0.11	20.32	23.67	19.33	23.46	3.49	950.0	1.19	1.32	1.35
1000.0	9.66	9.72	9.79	9.79	9.78	9.70	0.13	21.09	24.14	20.37	23.94	3.76	1000.0	1.31	1.32	1.34
1100.0	9.89	9.95	10.02	10.02	10.01	9.94	0.13	21.85	26.04	22.42	25.75	4.44	1100.0	1.57	1.33	1.35
1200.0	10.16	10.22	10.26	10.26	10.25	10.23	0.10	21.69	29.98	24.04	29.42	5.05	1200.0	1.81	1.35	1.38
1300.0	10.40	10.47	10.45	10.44	10.44	10.49	0.09	21.12	40.45	24.56	38.19	5.53	1300.0	1.97	1.40	1.43
1400.0	10.55	10.61	10.52	10.51	10.51	10.65	0.15	20.50	35.56	23.94	36.71	5.72	1400.0	1.99	1.45	1.49
1500.0	10.56	10.62	10.47	10.48	10.47	10.69	0.23	20.07	27.91	22.94	28.35	5.57	1500.0	1.87	1.51	1.54
1600.0	10.47	10.52	10.35	10.38	10.34	10.61	0.27	19.89	24.35	22.11	24.48	5.34	1600.0	1.63	1.57	1.60
1700.0	10.36	10.42	10.25	10.30	10.22	10.52	0.31	19.94	22.37	21.57	22.34	5.10	1700.0	1.36	1.62	1.65
1800.0	10.33	10.38	10.22	10.29	10.18	10.50	0.33	20.23	21.34	21.38	21.24	5.45	1800.0	1.13	1.66	1.69
1900.0	10.39	10.43	10.29	10.37	10.23	10.57	0.34	20.93	20.94	21.78	20.85	5.84	1900.0	1.07	1.68	1.72
2000.0	10.50	10.54	10.39	10.49	10.33	10.69	0.36	22.40	21.00	23.29	20.85	6.26	2000.0	1.17	1.68	1.72
2050.0	10.56	10.60	10.45	10.54	10.39	10.76	0.37	23.61	21.18	24.73	20.94	6.66	2050.0	1.20	1.68	1.70
2100.0	10.61	10.65	10.49	10.60	10.44	10.82	0.38	25.22	21.38	26.96	21.06	7.34	2100.0	1.21	1.66	1.68
2150.0	10.65	10.69	10.54	10.65	10.50	10.88	0.38	27.34	21.62	30.75	21.20	8.09	2150.0	1.19	1.63	1.66
2200.0	10.67	10.71	10.58	10.71	10.56	10.94	0.39	29.63	21.82	39.37	21.35	8.87	2200.0	1.17	1.60	1.62
2250.0	10.69	10.73	10.64	10.76	10.62	11.00	0.42	30.34	21.92	40.17	21.49	9.72	2250.0	1.13	1.55	1.59
2300.0	10.70	10.75	10.70	10.83	10.69	11.06	0.45	28.05	21.94	29.94	21.62	10.64	2300.0	1.08	1.51	1.55
2350.0	10.70	10.75	10.77	10.91	10.78	11.12	0.49	25.05	21.80	25.19	21.67	11.54	2350.0	1.05	1.47	1.51
2400.0	10.71	10.76	10.85	11.00	10.89	11.19	0.53	22.47	21.58	22.08	21.65	12.50	2400.0	1.07	1.43	1.47
2450.0	10.73	10.78	10.95	11.10	11.02	11.27	0.56	20.40	21.26	19.81	21.49	13.42	2450.0	1.14	1.41	1.44
2500.0	10.78	10.82	11.07	11.21	11.17	11.36	0.60	18.72	20.87	18.05	21.22	14.38	2500.0	1.22	1.40	1.44

¹Total Loss = Insertion Loss + 9dB Splitter Loss



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