

8 Way-0° Power Splitter/Combiner

SEPS-8-272+

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	5-6			S	1	8
700.0	9.81	9.85	9.82	9.85	9.77	9.81	0.08	15.23	24.31	14.78	14.44	2.83	700.0	1.76	1.35	1.35
750.0	9.69	9.73	9.70	9.74	9.66	9.70	0.08	16.26	24.10	15.70	15.31	3.07	750.0	1.55	1.30	1.31
800.0	9.62	9.66	9.64	9.69	9.60	9.64	0.09	17.37	23.87	16.70	16.28	3.30	800.0	1.39	1.26	1.27
850.0	9.60	9.65	9.62	9.68	9.59	9.63	0.09	18.53	23.72	17.79	17.33	3.53	850.0	1.30	1.22	1.24
900.0	9.63	9.68	9.65	9.71	9.62	9.66	0.09	19.67	23.63	18.97	18.45	3.80	900.0	1.30	1.20	1.22
950.0	9.69	9.74	9.70	9.78	9.68	9.72	0.10	20.68	23.72	20.19	19.60	4.06	950.0	1.37	1.18	1.20
1000.0	9.78	9.83	9.79	9.87	9.77	9.81	0.10	21.44	23.93	21.44	20.79	4.37	1000.0	1.47	1.17	1.19
1100.0	10.02	10.07	10.01	10.10	9.99	10.05	0.11	21.81	25.02	23.53	22.87	4.90	1100.0	1.71	1.17	1.20
1200.0	10.29	10.34	10.25	10.35	10.23	10.32	0.13	20.99	27.25	24.01	23.62	5.37	1200.0	1.93	1.20	1.24
1300.0	10.53	10.59	10.44	10.55	10.43	10.55	0.16	19.98	31.66	23.03	22.90	5.70	1300.0	2.09	1.25	1.30
1400.0	10.67	10.73	10.53	10.65	10.52	10.69	0.20	19.31	40.50	21.89	21.86	5.81	1400.0	2.14	1.30	1.36
1500.0	10.66	10.72	10.49	10.63	10.48	10.68	0.24	19.13	33.03	21.23	21.24	5.76	1500.0	2.03	1.33	1.41
1600.0	10.53	10.60	10.38	10.52	10.35	10.57	0.25	19.40	27.02	21.11	21.14	5.55	1600.0	1.80	1.36	1.43
1700.0	10.38	10.47	10.28	10.41	10.22	10.41	0.24	19.95	23.87	21.28	21.33	5.29	1700.0	1.52	1.37	1.43
1800.0	10.27	10.35	10.21	10.35	10.15	10.35	0.25	20.57	22.16	21.49	21.62	5.16	1800.0	1.29	1.37	1.42
1900.0	10.32	10.39	10.29	10.42	10.22	10.40	0.27	21.27	21.43	22.09	22.20	5.07	1900.0	1.29	1.36	1.40
2000.0	10.45	10.50	10.42	10.54	10.34	10.55	0.28	22.47	21.42	23.62	23.69	4.93	2000.0	1.41	1.34	1.36
2050.0	10.53	10.57	10.48	10.60	10.41	10.64	0.29	23.41	21.62	24.99	25.06	4.86	2050.0	1.46	1.32	1.33
2100.0	10.61	10.65	10.53	10.67	10.47	10.72	0.30	24.66	21.95	26.91	27.05	5.14	2100.0	1.50	1.30	1.30
2150.0	10.70	10.72	10.59	10.73	10.53	10.81	0.31	26.08	22.40	29.32	29.92	5.39	2150.0	1.52	1.27	1.27
2200.0	10.75	10.78	10.63	10.78	10.59	10.86	0.33	27.36	23.01	30.95	33.18	5.67	2200.0	1.52	1.24	1.23
2250.0	10.81	10.82	10.67	10.83	10.63	10.90	0.34	27.69	23.78	29.49	32.60	5.87	2250.0	1.50	1.21	1.20
2300.0	10.82	10.83	10.69	10.87	10.66	10.91	0.36	26.73	24.76	26.46	28.78	6.07	2300.0	1.45	1.19	1.18
2350.0	10.82	10.81	10.71	10.90	10.69	10.89	0.38	25.01	25.76	23.68	25.44	6.48	2350.0	1.38	1.17	1.16
2400.0	10.79	10.77	10.73	10.94	10.71	10.88	0.47	23.25	26.56	21.43	22.87	7.25	2400.0	1.27	1.16	1.14
2450.0	10.77	10.74	10.78	11.00	10.78	10.87	0.57	21.63	26.46	19.55	20.81	7.90	2450.0	1.15	1.16	1.14
2500.0	10.79	10.75	10.90	11.13	10.91	10.93	0.68	20.22	25.34	17.94	19.08	8.51	2500.0	1.14	1.16	1.15
2550.0	10.89	10.84	11.10	11.34	11.14	11.07	0.79	18.87	23.64	16.52	17.56	9.07	2550.0	1.33	1.18	1.16
2600.0	11.12	11.05	11.44	11.68	11.50	11.34	0.92	17.62	22.07	15.26	16.23	9.50	2600.0	1.65	1.20	1.19
2650.0	11.48	11.39	11.91	12.14	12.00	11.76	1.06	16.42	20.78	14.17	15.07	10.07	2650.0	2.08	1.24	1.23
2700.0	11.94	11.83	12.47	12.70	12.61	12.26	1.22	15.38	19.96	13.28	14.14	10.63	2700.0	2.61	1.30	1.27

¹Total Loss = Insertion Loss + 9dB Splitter Loss

