

4 Way-0° Power Splitter/Combiner

SEPS-4-272+

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		1-2	2-3	3-4			S	1	2	3	4
600.0	6.80	7.23	7.19	6.77	0.46	17.21	17.55	17.13	0.63	600.0	2.31	1.29	1.41	1.42	1.30
700.0	6.56	6.99	6.94	6.54	0.45	19.79	19.35	19.70	0.49	700.0	1.96	1.23	1.33	1.33	1.25
800.0	6.37	6.79	6.74	6.36	0.43	22.91	21.45	22.78	0.41	800.0	1.65	1.19	1.26	1.28	1.22
850.0	6.30	6.71	6.66	6.29	0.42	24.61	22.64	24.44	0.43	850.0	1.52	1.18	1.24	1.25	1.21
900.0	6.25	6.65	6.60	6.24	0.41	26.20	23.91	25.96	0.45	900.0	1.40	1.18	1.22	1.23	1.20
950.0	6.22	6.60	6.56	6.20	0.40	27.28	25.27	26.94	0.49	950.0	1.29	1.17	1.20	1.22	1.19
1000.0	6.20	6.58	6.53	6.18	0.39	27.46	26.70	27.06	0.53	1000.0	1.20	1.17	1.19	1.20	1.19
1050.0	6.19	6.56	6.52	6.18	0.39	26.82	28.14	26.42	0.60	1050.0	1.13	1.17	1.17	1.18	1.18
1100.0	6.21	6.56	6.52	6.18	0.38	25.76	29.38	25.39	0.67	1100.0	1.10	1.16	1.16	1.17	1.18
1150.0	6.23	6.58	6.54	6.21	0.37	24.63	30.31	24.29	0.76	1150.0	1.14	1.16	1.15	1.16	1.18
1200.0	6.27	6.61	6.57	6.24	0.37	23.61	30.76	23.29	0.87	1200.0	1.19	1.16	1.13	1.14	1.17
1250.0	6.31	6.64	6.60	6.28	0.36	22.73	30.70	22.43	0.97	1250.0	1.26	1.16	1.12	1.13	1.16
1300.0	6.36	6.69	6.65	6.33	0.36	21.99	30.29	21.70	1.10	1300.0	1.33	1.15	1.11	1.11	1.16
1350.0	6.42	6.74	6.70	6.38	0.36	21.38	29.69	21.10	1.22	1350.0	1.40	1.15	1.09	1.10	1.15
1400.0	6.48	6.79	6.76	6.44	0.35	20.89	29.04	20.61	1.34	1400.0	1.47	1.14	1.08	1.09	1.15
1450.0	6.53	6.85	6.82	6.49	0.36	20.50	28.38	20.22	1.48	1450.0	1.54	1.14	1.07	1.08	1.14
1500.0	6.59	6.91	6.87	6.55	0.36	20.22	27.83	19.94	1.60	1500.0	1.60	1.13	1.07	1.07	1.13
1550.0	6.65	6.97	6.93	6.60	0.36	20.04	27.32	19.76	1.77	1550.0	1.65	1.13	1.06	1.07	1.13
1600.0	6.70	7.02	6.98	6.65	0.36	19.94	26.90	19.67	1.89	1600.0	1.70	1.12	1.07	1.08	1.12
1650.0	6.74	7.07	7.03	6.70	0.37	19.93	26.53	19.65	2.05	1650.0	1.74	1.12	1.09	1.09	1.12
1700.0	6.78	7.11	7.08	6.73	0.38	20.01	26.23	19.73	2.17	1700.0	1.76	1.11	1.10	1.11	1.12
1750.0	6.80	7.15	7.11	6.76	0.39	20.21	26.06	19.92	2.27	1750.0	1.78	1.11	1.12	1.13	1.12
1800.0	6.81	7.17	7.13	6.77	0.40	20.51	25.91	20.21	2.36	1800.0	1.77	1.11	1.14	1.15	1.12
1850.0	6.81	7.19	7.15	6.78	0.41	20.92	25.85	20.61	2.46	1850.0	1.75	1.11	1.17	1.17	1.13
1900.0	6.80	7.18	7.14	6.77	0.42	21.45	25.85	21.13	2.51	1900.0	1.70	1.12	1.19	1.20	1.13
1950.0	6.77	7.17	7.13	6.74	0.43	22.12	25.90	21.79	2.58	1950.0	1.65	1.12	1.21	1.22	1.14
2000.0	6.74	7.15	7.10	6.71	0.43	22.93	25.98	22.57	2.61	2000.0	1.57	1.13	1.24	1.24	1.14
2050.0	6.70	7.11	7.07	6.68	0.44	23.92	26.09	23.52	2.67	2050.0	1.50	1.13	1.26	1.27	1.15
2100.0	6.67	7.09	7.05	6.65	0.44	25.05	26.20	24.59	2.67	2100.0	1.41	1.14	1.29	1.29	1.15
2150.0	6.65	7.07	7.03	6.63	0.44	26.25	26.26	25.73	2.71	2150.0	1.33	1.14	1.31	1.32	1.16
2200.0	6.65	7.06	7.02	6.62	0.44	27.28	26.23	26.70	2.73	2200.0	1.25	1.15	1.34	1.34	1.17
2300.0	6.70	7.09	7.04	6.67	0.42	27.31	25.62	26.86	2.79	2300.0	1.20	1.19	1.40	1.40	1.20
2400.0	6.85	7.19	7.15	6.80	0.39	24.87	24.27	24.63	2.89	2400.0	1.35	1.26	1.45	1.45	1.26
2500.0	7.10	7.39	7.34	7.04	0.34	22.41	22.55	22.26	3.12	2500.0	1.61	1.36	1.49	1.49	1.35
2600.0	7.44	7.67	7.61	7.37	0.30	20.70	20.83	20.54	3.55	2600.0	1.95	1.50	1.50	1.51	1.48
2700.0	7.84	8.01	7.95	7.75	0.26	19.81	19.24	19.58	4.16	2700.0	2.32	1.67	1.50	1.51	1.64

¹Total Loss = Insertion Loss + 6dB Splitter Loss

