4 Way-0° Power Splitter/Combiner CSC-ED13455/8

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)
	S-1	S-2	S-3	S-4		1-2	2-3	3-4	
12600.0	6.60	7.40	7.25	7.06	0.80	21.55	36.02	22.49	6.45
12700.0	6.68	7.48	7.24	7.03	0.80	22.09	32.91	22.85	6.62
12800.0	6.69	7.52	7.23	7.01	0.83	22.56	30.09	23.25	6.73
12900.0	6.75	7.60	7.21	6.98	0.84	23.00	27.79	23.54	6.87
13000.0	6.78	7.67	7.21	6.97	0.89	23.30	25.77	23.77	6.96
13100.0	6.86	7.76	7.20	6.95	0.91	23.52	24.08	23.76	7.10
13200.0	6.92	7.86	7.21	6.95	0.94	23.58	22.44	23.67	7.17
13300.0	6.99	7.96	7.18	6.92	1.04	23.58	20.89	23.48	7.26
13400.0	7.07	8.07	7.20	6.95	1.12	24.02	19.27	23.45	7.41
13500.0	7.15	8.10	7.16	6.92	1.18	25.91	18.92	23.75	7.91
13550.0	7.16	8.06	7.17	6.90	1.16	26.34	19.95	23.81	8.33
13600.0	7.13	7.94	7.17	6.84	1.10	25.53	21.65	23.58	8.49
13650.0	7.14	7.89	7.21	6.83	1.06	24.48	23.63	23.23	8.53
13700.0	7.12	7.82	7.21	6.78	1.04	23.69	25.36	22.82	8.43
13750.0	7.08	7.79	7.23	6.77	1.03	23.11	26.57	22.47	8.32
13800.0	7.10	7.75	7.20	6.71	1.04	22.76	27.32	22.15	8.19
13850.0	7.07	7.73	7.18	6.68	1.05	22.46	27.68	21.93	8.08
13900.0	7.09	7.73	7.20	6.68	1.05	22.29	27.81	21.79	7.97
13950.0	7.07	7.75	7.21	6.68	1.07	22.16	27.78	21.68	7.88
14000.0	7.11	7.76	7.19	6.65	1.11	22.10	27.60	21.59	7.76
14050.0	7.09	7.77	7.17	6.63	1.15	22.06	27.43	21.55	7.67
14100.0	7.09	7.78	7.19	6.64	1.14	22.06	27.14	21.59	7.54
14150.0	7.10	7.76	7.18	6.64	1.12	22.14	26.83	21.63	7.54
14200.0	7.10	7.81	7.18	6.63	1.18	22.22	26.50	21.74	7.67
14250.0	7.08	7.77	7.16	6.61	1.16	22.33	26.13	21.86	7.94
14300.0	7.11	7.82	7.23	6.66	1.16	22.49	25.67	22.06	8.18
14350.0	7.14	7.81	7.22	6.66	1.14	22.72	25.29	22.28	8.23
14400.0	7.09	7.81	7.23	6.66	1.15	22.93	24.76	22.48	8.41
14450.0	7.10	7.75	7.20	6.65	1.11	23.19	24.26	22.74	8.63
14500.0	7.08	7.77	7.24	6.68	1.10	23.48	23.70	23.04	8.68
14600.0	7.06	7.76	7.24	6.69	1.07	24.16	22.64	23.75	8.82
14700.0	7.11	7.74	7.28	6.73	1.01	24.91	21.51	24.50	8.99
14800.0	7.15	7.74	7.29	6.75	0.99	25.57	20.40	25.22	8.96
14900.0	7.21	7.75	7.33	6.79	0.96	25.94	19.34	25.68	9.08
15000.0	7.26	7.77	7.36	6.81	0.96	25.83	18.40	25.60	9.09
15100.0	7.30	7.79	7.41	6.86	0.92	25.21	17.57	25.04	9.25
15200.0	7.35	7.80	7.46	6.91	0.89	24.41	16.87	24.29	9.45
15300.0	7.45	7.86	7.57	7.05	0.81	23.65	16.33	23.63	9.68
15400.0	7.50	7.88	7.65	7.14	0.74	22.93	15.87	23.05	9.79
15500.0	7.59	7.93	7.74	7.28	0.65	22.37	15.51	22.65	9.94

FREQ. (MHz)	VSWR (:1)				
	S	1	2	3	4
12600.0	1.78	1.51	2.20	1.98	1.85
12700.0	1.77	1.57	2.25	1.99	1.86
12800.0	1.76	1.61	2.31	2.01	1.87
12900.0	1.74	1.64	2.37	2.02	1.88
13000.0	1.72	1.66	2.42	2.03	1.88
13100.0	1.71	1.69	2.50	2.04	1.88
13200.0	1.67	1.69	2.53	2.02	1.84
13300.0	1.64	1.68	2.55	2.01	1.82
13400.0	1.61	1.70	2.48	1.93	1.79
13500.0	1.56	1.71	2.20	1.76	1.75
13550.0	1.50	1.83	1.96	1.61	1.67
13600.0	1.49	1.71	1.99	1.64	1.70
13650.0	1.44	1.80	1.93	1.60	1.65
13700.0	1.42	1.72	2.03	1.66	1.65
13750.0	1.39	1.76	2.01	1.64	1.61
13800.0	1.37	1.74	2.09	1.68	1.60
13850.0	1.35	1.72	2.08	1.69	1.60
13900.0	1.32	1.76	2.10	1.68	1.54
13950.0	1.31	1.69	2.14	1.70	1.56
14000.0	1.28	1.77	2.08	1.66	1.49
14050.0	1.28	1.70	2.15	1.71	1.53
14100.0	1.26	1.77	2.07	1.64	1.45
14150.0	1.27	1.71	2.16	1.69	1.47
14200.0	1.26	1.76	2.04	1.63	1.42
14250.0	1.26	1.74	2.14	1.67	1.44
14300.0	1.28	1.72	2.03	1.62	1.39
14350.0	1.29	1.74	2.10	1.64	1.39
14400.0	1.30	1.69	2.01	1.60	1.36
14450.0	1.31	1.71	2.07	1.62	1.36
14500.0	1.34	1.71	1.99	1.58	1.32
14600.0	1.38	1.71	1.96	1.56	1.29
14700.0	1.43	1.67	1.93	1.53	1.26
14800.0	1.47	1.62	1.91	1.52	1.23
14900.0	1.50	1.55	1.88	1.49	1.20
15000.0	1.53	1.48	1.85	1.48	1.18
15100.0	1.57	1.42	1.85	1.47	1.15
15200.0	1.62	1.42	1.81	1.46	1.12
15300.0	1.66	1.42	1.76	1.46	1.08
15400.0	1.71	1.44	1.72	1.45	1.04
15500.0	1.76	1.42	1.67	1.44	1.01

[1]Total Loss = Insertion Loss + 6dB Splitter Loss