

3 Way-0° Power Splitter/Combiner

SCG-3-262+

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		1-2	1-3	2-3			S	1	2	3
1000	5.70	6.16	6.22	0.53	9.60	9.64	10.51	2.99	1000	2.57	1.49	1.45	1.42
1050	5.68	6.15	6.21	0.53	9.92	9.95	10.82	2.86	1050	2.54	1.43	1.40	1.37
1100	5.66	6.14	6.20	0.54	10.25	10.26	11.13	2.71	1100	2.51	1.38	1.35	1.33
1150	5.64	6.12	6.19	0.55	10.60	10.59	11.46	2.49	1150	2.47	1.34	1.31	1.29
1200	5.61	6.11	6.17	0.56	10.97	10.94	11.80	2.30	1200	2.44	1.29	1.27	1.25
1250	5.59	6.08	6.15	0.56	11.37	11.30	12.15	2.13	1250	2.40	1.25	1.24	1.22
1300	5.57	6.06	6.13	0.56	11.78	11.68	12.51	1.93	1300	2.36	1.22	1.20	1.18
1350	5.55	6.03	6.11	0.56	12.22	12.08	12.89	1.71	1350	2.32	1.19	1.17	1.15
1400	5.53	6.00	6.09	0.56	12.68	12.49	13.28	1.51	1400	2.28	1.16	1.14	1.13
1450	5.50	5.97	6.05	0.55	13.18	12.94	13.69	1.31	1450	2.23	1.13	1.11	1.10
1500	5.47	5.93	6.02	0.55	13.70	13.40	14.12	1.16	1500	2.18	1.11	1.09	1.08
1550	5.44	5.89	5.98	0.54	14.27	13.91	14.58	0.99	1550	2.13	1.09	1.07	1.06
1600	5.42	5.85	5.94	0.53	14.86	14.43	15.07	0.79	1600	2.07	1.08	1.04	1.05
1650	5.39	5.80	5.90	0.51	15.52	15.01	15.59	0.64	1650	2.01	1.08	1.02	1.04
1700	5.36	5.75	5.85	0.49	16.22	15.62	16.15	0.41	1700	1.95	1.09	1.01	1.04
1750	5.33	5.70	5.80	0.47	17.00	16.30	16.76	0.23	1750	1.88	1.09	1.01	1.05
1800	5.31	5.65	5.75	0.45	17.85	17.03	17.43	0.19	1800	1.82	1.10	1.03	1.06
1850	5.27	5.59	5.70	0.42	18.83	17.85	18.17	0.38	1850	1.75	1.11	1.04	1.06
1900	5.25	5.54	5.64	0.39	19.92	18.75	18.99	0.64	1900	1.68	1.12	1.06	1.07
1950	5.23	5.48	5.59	0.36	21.24	19.82	19.94	0.88	1950	1.60	1.14	1.07	1.08
2000	5.21	5.44	5.54	0.33	22.80	21.02	21.02	1.14	2000	1.53	1.14	1.08	1.09
2050	5.19	5.38	5.49	0.29	24.77	22.46	22.27	1.42	2050	1.45	1.15	1.09	1.10
2100	5.19	5.35	5.45	0.26	27.33	24.13	23.73	1.68	2100	1.37	1.16	1.10	1.11
2150	5.19	5.31	5.41	0.22	31.14	26.20	25.49	1.93	2150	1.30	1.17	1.10	1.12
2200	5.20	5.28	5.38	0.18	37.43	28.50	27.49	2.18	2200	1.23	1.18	1.11	1.12
2250	5.22	5.27	5.36	0.14	40.89	30.49	29.46	2.45	2250	1.17	1.18	1.12	1.13
2300	5.25	5.26	5.35	0.10	32.96	30.46	30.39	2.74	2300	1.12	1.19	1.13	1.14
2350	5.30	5.27	5.35	0.07	28.27	28.34	29.30	2.97	2350	1.13	1.20	1.14	1.16
2400	5.36	5.30	5.37	0.07	25.21	25.86	27.17	3.24	2400	1.18	1.22	1.16	1.18
2450	5.44	5.34	5.40	0.10	22.92	23.66	24.97	3.53	2450	1.26	1.24	1.18	1.19
2500	5.55	5.40	5.45	0.14	21.14	21.81	23.03	3.82	2500	1.37	1.26	1.20	1.22
2550	5.67	5.48	5.52	0.19	19.67	20.27	21.42	4.11	2550	1.48	1.29	1.23	1.25
2600	5.82	5.58	5.61	0.23	18.47	18.95	20.03	4.35	2600	1.62	1.33	1.26	1.28
2650	5.99	5.71	5.72	0.28	17.45	17.85	18.86	4.70	2650	1.78	1.38	1.30	1.32
2700	6.19	5.87	5.87	0.32	16.58	16.90	17.85	5.02	2700	1.95	1.42	1.35	1.36
2750	6.40	6.04	6.03	0.38	15.83	16.08	16.98	5.35	2750	2.16	1.48	1.39	1.41
2800	6.65	6.24	6.21	0.43	15.19	15.36	16.23	5.72	2800	2.38	1.54	1.44	1.46
2850	6.91	6.45	6.42	0.49	14.66	14.76	15.61	6.15	2850	2.63	1.61	1.50	1.52
2900	7.20	6.70	6.66	0.54	14.20	14.24	15.05	6.55	2900	2.91	1.69	1.56	1.58
2950	7.51	6.96	6.92	0.59	13.83	13.80	14.59	6.94	2950	3.23	1.77	1.63	1.64
3000	7.85	7.27	7.21	0.64	13.52	13.42	14.18	7.35	3000	3.57	1.85	1.70	1.71

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss

