

2 Way-0° Power Splitter/Combiner

SBTC-2-22-75+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	(dB)						S	1	2
	S-1	S-2							
400.0	4.40	3.69	0.71	19.95	2.59	400.0	1.19	1.86	1.63
500.0	4.13	3.56	0.57	22.55	1.86	500.0	1.11	1.65	1.51
550.0	4.05	3.49	0.55	24.19	1.49	550.0	1.09	1.57	1.45
600.0	3.97	3.49	0.48	25.60	0.96	600.0	1.08	1.50	1.40
650.0	3.93	3.47	0.46	28.13	0.96	650.0	1.08	1.44	1.35
700.0	3.90	3.44	0.45	30.00	0.29	700.0	1.08	1.39	1.32
750.0	3.88	3.49	0.39	33.60	0.28	750.0	1.08	1.34	1.29
800.0	3.88	3.46	0.42	40.69	0.05	800.0	1.08	1.30	1.27
850.0	3.85	3.51	0.35	42.44	0.21	850.0	1.09	1.26	1.25
900.0	3.88	3.51	0.36	40.49	0.17	900.0	1.10	1.23	1.23
950.0	3.85	3.54	0.31	39.45	0.38	950.0	1.10	1.20	1.21
1000.0	3.87	3.56	0.30	33.22	0.30	1000.0	1.10	1.17	1.20
1100.0	3.86	3.63	0.23	30.81	0.30	1100.0	1.10	1.11	1.18
1200.0	3.85	3.71	0.14	30.18	0.29	1200.0	1.09	1.07	1.17
1300.0	3.86	3.80	0.05	30.46	0.36	1300.0	1.11	1.04	1.18
1400.0	3.85	3.91	0.06	30.33	0.40	1400.0	1.14	1.04	1.21
1500.0	3.85	4.00	0.15	28.78	0.44	1500.0	1.19	1.07	1.24
1600.0	3.86	4.11	0.25	26.30	0.53	1600.0	1.25	1.13	1.30
1700.0	3.87	4.20	0.33	23.88	0.70	1700.0	1.37	1.21	1.38
1800.0	3.93	4.31	0.38	22.77	0.72	1800.0	1.54	1.32	1.48
1900.0	4.04	4.48	0.44	23.33	0.59	1900.0	1.69	1.44	1.60
2000.0	4.15	4.67	0.52	25.59	0.20	2000.0	1.78	1.55	1.71
2100.0	4.22	4.83	0.61	28.68	0.41	2100.0	1.84	1.64	1.81
2110.0	4.22	4.84	0.62	28.05	0.45	2110.0	1.85	1.65	1.82
2120.0	4.22	4.85	0.63	27.82	0.48	2120.0	1.85	1.67	1.83
2130.0	4.21	4.85	0.64	27.98	0.51	2130.0	1.86	1.68	1.85
2140.0	4.22	4.86	0.64	28.54	0.56	2140.0	1.86	1.69	1.86
2150.0	4.22	4.87	0.65	29.51	0.62	2150.0	1.88	1.70	1.88
2175.0	4.25	4.93	0.68	30.59	0.83	2175.0	1.91	1.72	1.89
2200.0	4.25	4.97	0.72	26.46	0.84	2200.0	1.93	1.74	1.90

¹Total Loss = Insertion Loss + 3dB Splitter Loss

