

2 Way-180° Power Splitter/Combiner

SBTCJ-13-75+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
5.0	4.26	3.92	0.34	30.05	179.61	5.0	1.23	1.15	1.19
7.0	4.18	3.86	0.33	30.07	179.58	7.0	1.19	1.12	1.16
9.0	4.14	3.83	0.31	29.62	179.59	9.0	1.16	1.09	1.14
10.0	4.12	3.82	0.30	29.41	179.60	10.0	1.15	1.09	1.13
30.0	4.08	3.82	0.26	28.55	179.85	30.0	1.11	1.03	1.09
50.0	4.10	3.85	0.25	28.70	179.99	50.0	1.11	1.02	1.09
70.0	4.11	3.86	0.24	28.81	179.91	70.0	1.10	1.03	1.09
90.0	4.12	3.88	0.24	28.87	179.82	90.0	1.10	1.03	1.08
100.0	4.13	3.89	0.24	28.87	179.77	100.0	1.10	1.03	1.08
150.0	4.14	3.91	0.23	28.90	179.57	150.0	1.10	1.05	1.07
200.0	4.17	3.94	0.23	28.74	179.39	200.0	1.10	1.07	1.06
250.0	4.18	3.96	0.23	28.49	179.22	250.0	1.10	1.09	1.04
300.0	4.19	3.99	0.21	28.22	179.06	300.0	1.11	1.11	1.04
350.0	4.20	4.01	0.19	28.02	178.99	350.0	1.11	1.14	1.05
400.0	4.22	4.04	0.17	27.94	178.93	400.0	1.11	1.16	1.06
450.0	4.22	4.08	0.15	27.88	178.86	450.0	1.11	1.17	1.07
500.0	4.23	4.12	0.10	27.96	178.85	500.0	1.11	1.19	1.09
550.0	4.23	4.18	0.05	28.20	178.94	550.0	1.13	1.22	1.10
600.0	4.22	4.21	0.01	28.59	179.11	600.0	1.15	1.24	1.11
650.0	4.21	4.26	0.05	29.12	179.25	650.0	1.18	1.27	1.13
700.0	4.20	4.32	0.12	29.79	179.42	700.0	1.22	1.30	1.14
750.0	4.16	4.36	0.20	30.62	179.59	750.0	1.25	1.32	1.16
800.0	4.15	4.40	0.26	31.22	179.85	800.0	1.28	1.36	1.17
850.0	4.13	4.49	0.36	31.18	179.75	850.0	1.30	1.40	1.19
900.0	4.10	4.54	0.44	30.64	179.53	900.0	1.31	1.44	1.21
950.0	4.07	4.61	0.54	29.43	179.12	950.0	1.31	1.50	1.23
1000.0	4.10	4.72	0.61	27.70	178.60	1000.0	1.29	1.55	1.27

¹Total Loss = Insertion Loss + 3dB Splitter Loss



REV. X1



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