

2 Way-180° Power Splitter/Combiner SBTJC-122-75X+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
3	4.44	4.08	0.36	27.63	179.67	3	1.33	1.19	1.25
5	4.26	3.92	0.34	30.05	179.61	5	1.23	1.15	1.19
7	4.18	3.86	0.33	30.07	179.58	7	1.19	1.12	1.16
9	4.14	3.83	0.31	29.62	179.59	9	1.16	1.09	1.14
10	4.12	3.82	0.30	29.41	179.60	10	1.15	1.09	1.13
30	4.08	3.82	0.26	28.55	179.85	30	1.11	1.03	1.09
50	4.10	3.85	0.25	28.70	179.99	50	1.11	1.02	1.09
70	4.11	3.86	0.24	28.81	179.91	70	1.10	1.03	1.09
90	4.12	3.88	0.24	28.87	179.82	90	1.10	1.03	1.08
100	4.13	3.89	0.24	28.87	179.77	100	1.10	1.03	1.08
150	4.14	3.91	0.23	28.90	179.57	150	1.10	1.05	1.07
200	4.17	3.94	0.23	28.74	179.39	200	1.10	1.07	1.06
250	4.18	3.96	0.23	28.49	179.22	250	1.10	1.09	1.04
300	4.19	3.99	0.21	28.22	179.06	300	1.11	1.11	1.04
350	4.20	4.01	0.19	28.02	178.99	350	1.11	1.14	1.05
400	4.22	4.04	0.17	27.94	178.93	400	1.11	1.16	1.06
450	4.22	4.08	0.15	27.88	178.86	450	1.11	1.17	1.07
500	4.23	4.12	0.10	27.96	178.85	500	1.11	1.19	1.09
550	4.23	4.18	0.05	28.20	178.94	550	1.13	1.22	1.10
600	4.22	4.21	0.01	28.59	179.11	600	1.15	1.24	1.11
650	4.21	4.26	0.05	29.12	179.25	650	1.18	1.27	1.13
700	4.20	4.32	0.12	29.79	179.42	700	1.22	1.30	1.14
750	4.16	4.36	0.20	30.62	179.59	750	1.25	1.32	1.16
800	4.15	4.40	0.26	31.22	179.85	800	1.28	1.36	1.17
850	4.13	4.49	0.36	31.18	179.75	850	1.30	1.40	1.19
900	4.10	4.54	0.44	30.64	179.53	900	1.31	1.44	1.21
950	4.07	4.61	0.54	29.43	179.12	950	1.31	1.50	1.23
1000	4.10	4.72	0.61	27.70	178.60	1000	1.29	1.55	1.27
1050	4.13	4.84	0.72	26.00	178.00	1050	1.25	1.61	1.30
1100	4.13	4.95	0.83	24.42	177.29	1100	1.22	1.67	1.34
1150	4.14	5.07	0.93	22.92	176.53	1150	1.17	1.74	1.38
1200	4.14	5.19	1.05	21.57	175.43	1200	1.11	1.80	1.43
1250	4.14	5.31	1.17	20.51	174.23	1250	1.06	1.87	1.47
1300	4.18	5.50	1.32	19.48	172.94	1300	1.02	1.92	1.54
1350	4.27	5.52	1.25	18.53	171.78	1350	1.07	1.98	1.61
1400	4.33	5.87	1.54	17.92	170.47	1400	1.11	2.05	1.67

¹Total Loss = Insertion Loss + 3dB Splitter Loss