

2 Way-180° Power Splitter/Combiner

SBTCJ-ED13899

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	1	2
1.0	5.24	5.07	0.17	21.26	179.70	1.0	1.87	1.69	1.61
3.0	4.37	4.24	0.13	28.88	179.68	3.0	1.41	1.45	1.39
5.0	4.14	4.05	0.09	33.15	179.62	5.0	1.30	1.38	1.32
7.0	4.04	3.98	0.06	36.07	179.64	7.0	1.25	1.33	1.29
9.0	3.99	3.94	0.05	38.18	179.67	9.0	1.22	1.30	1.26
10.0	3.97	3.93	0.04	38.97	179.67	10.0	1.21	1.29	1.25
30.0	3.87	3.90	0.03	44.39	179.91	30.0	1.16	1.22	1.21
50.0	3.87	3.91	0.04	43.80	179.95	50.0	1.15	1.21	1.20
70.0	3.87	3.93	0.06	42.69	179.84	70.0	1.15	1.21	1.20
90.0	3.88	3.93	0.05	41.72	179.75	90.0	1.15	1.21	1.20
100.0	3.88	3.94	0.06	41.15	179.70	100.0	1.15	1.21	1.19
150.0	3.90	3.96	0.06	39.04	179.53	150.0	1.16	1.22	1.18
200.0	3.93	3.97	0.04	37.26	179.39	200.0	1.17	1.23	1.18
250.0	3.95	3.99	0.04	35.58	179.27	250.0	1.19	1.25	1.17
300.0	3.97	4.01	0.04	34.16	179.22	300.0	1.21	1.27	1.16
350.0	3.99	4.03	0.04	33.06	179.19	350.0	1.23	1.30	1.16
400.0	4.01	4.05	0.04	32.04	179.24	400.0	1.25	1.32	1.16
450.0	4.03	4.09	0.06	31.12	179.32	450.0	1.28	1.35	1.17
500.0	4.05	4.12	0.07	30.32	179.45	500.0	1.30	1.38	1.19
550.0	4.08	4.16	0.08	29.48	179.63	550.0	1.33	1.42	1.21
600.0	4.10	4.21	0.11	28.79	179.85	600.0	1.35	1.45	1.24
650.0	4.12	4.26	0.14	28.08	179.88	650.0	1.38	1.48	1.28
700.0	4.15	4.32	0.17	27.42	179.57	700.0	1.40	1.52	1.32
750.0	4.17	4.39	0.22	26.75	179.20	750.0	1.41	1.55	1.37
800.0	4.20	4.47	0.27	26.11	178.82	800.0	1.43	1.58	1.43
850.0	4.23	4.55	0.32	25.37	178.38	850.0	1.44	1.62	1.48
900.0	4.26	4.65	0.39	24.65	177.90	900.0	1.45	1.65	1.55
950.0	4.29	4.75	0.46	23.92	177.36	950.0	1.46	1.69	1.62
1000.0	4.33	4.87	0.54	23.17	176.79	1000.0	1.46	1.72	1.70
1050.0	4.37	4.99	0.62	22.43	176.20	1050.0	1.46	1.76	1.78
1100.0	4.42	5.12	0.70	21.64	175.59	1100.0	1.46	1.79	1.87
1150.0	4.47	5.27	0.80	20.93	174.92	1150.0	1.45	1.82	1.97
1200.0	4.53	5.43	0.90	20.23	174.20	1200.0	1.44	1.85	2.07

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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