

# 2 Way-180° Power Splitter/Combiner

PSCJ-2-2

## Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
0.01	3.39	3.36	0.02	31.98	179.30	0.01	1.43	1.44	1.43
0.05	3.12	3.12	0.00	37.15	179.74	0.05	1.12	1.11	1.12
0.10	3.11	3.12	0.01	37.79	179.85	0.10	1.10	1.09	1.10
0.40	3.13	3.14	0.01	37.95	180.04	0.40	1.09	1.09	1.09
0.80	3.13	3.13	0.01	37.77	180.06	0.80	1.09	1.09	1.09
1.20	3.13	3.13	0.01	37.38	180.06	1.20	1.09	1.08	1.09
2.00	3.14	3.14	0.01	36.31	180.10	2.00	1.08	1.08	1.08
3.50	3.16	3.16	0.00	34.01	180.18	3.50	1.07	1.07	1.07
4.50	3.18	3.18	0.00	32.59	180.23	4.50	1.07	1.07	1.07
6.00	3.20	3.20	0.00	30.71	180.31	6.00	1.06	1.06	1.06
9.00	3.23	3.23	0.00	27.76	180.47	9.00	1.04	1.05	1.04
12.00	3.27	3.26	0.01	25.51	180.63	12.00	1.02	1.04	1.02
15.00	3.31	3.29	0.02	23.70	180.79	15.00	1.00	1.03	1.00
18.00	3.35	3.32	0.02	22.19	180.96	18.00	1.02	1.02	1.02
20.00	3.38	3.35	0.03	21.30	181.06	20.00	1.04	1.02	1.04

<sup>1</sup>Total Loss = Insertion Loss + 3dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: [www.minicircuits.com](http://www.minicircuits.com)



IF/RF MICROWAVE COMPONENTS

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