

2 Way-180° Power Splitter/Combiner

PSCJ-2-1W

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
100.0	3.85	3.85	0.00	37.86	178.92	100.0	1.27	1.25	1.22
110.0	3.88	3.87	0.00	36.55	178.85	110.0	1.28	1.25	1.22
120.0	3.91	3.90	0.01	35.49	178.77	120.0	1.28	1.25	1.21
130.0	3.92	3.91	0.01	34.58	178.71	130.0	1.28	1.24	1.20
140.0	3.91	3.91	0.00	33.73	178.61	140.0	1.27	1.23	1.19
150.0	3.89	3.89	0.00	32.96	178.52	150.0	1.27	1.23	1.19
160.0	3.86	3.85	0.01	32.29	178.42	160.0	1.27	1.25	1.20
170.0	3.85	3.84	0.01	31.67	178.32	170.0	1.29	1.27	1.21
180.0	3.87	3.86	0.01	31.16	178.23	180.0	1.31	1.29	1.23
190.0	3.94	3.92	0.02	30.70	178.14	190.0	1.34	1.31	1.25
200.0	4.01	3.99	0.02	30.31	178.18	200.0	1.36	1.33	1.25
210.0	4.06	4.03	0.02	29.91	178.15	210.0	1.36	1.33	1.25
220.0	4.05	4.03	0.02	29.54	178.11	220.0	1.36	1.32	1.23
230.0	4.01	3.99	0.01	29.20	178.06	230.0	1.35	1.30	1.21
240.0	3.96	3.96	0.01	28.83	178.05	240.0	1.34	1.29	1.20
250.0	3.93	3.92	0.01	28.47	177.92	250.0	1.33	1.29	1.21
260.0	3.90	3.90	0.00	28.14	177.83	260.0	1.34	1.31	1.23
270.0	3.95	3.94	0.01	27.89	177.73	270.0	1.36	1.34	1.26
280.0	4.06	4.04	0.02	27.72	177.72	280.0	1.39	1.38	1.28
290.0	4.17	4.14	0.03	27.60	177.74	290.0	1.42	1.40	1.29
300.0	4.21	4.17	0.04	27.43	177.80	300.0	1.43	1.40	1.29
320.0	4.07	4.06	0.01	27.04	177.88	320.0	1.42	1.36	1.24
340.0	4.01	4.03	0.02	26.64	177.76	340.0	1.38	1.33	1.23
360.0	4.06	4.06	0.00	26.35	177.55	360.0	1.39	1.39	1.29
380.0	4.24	4.21	0.03	26.31	177.70	380.0	1.45	1.44	1.32
400.0	4.20	4.19	0.01	26.22	178.06	400.0	1.47	1.42	1.29
420.0	4.10	4.13	0.04	26.02	178.06	420.0	1.43	1.38	1.27
440.0	4.13	4.17	0.04	25.85	177.85	440.0	1.39	1.40	1.33
460.0	4.24	4.24	0.00	25.90	177.92	460.0	1.43	1.46	1.37
480.0	4.25	4.25	0.01	26.05	178.37	480.0	1.47	1.46	1.36
500.0	4.22	4.27	0.05	26.02	178.68	500.0	1.46	1.42	1.35
510.0	4.24	4.33	0.09	25.99	178.69	510.0	1.43	1.41	1.37
520.0	4.25	4.34	0.10	25.96	178.60	520.0	1.41	1.43	1.41
530.0	4.24	4.32	0.09	25.98	178.61	530.0	1.40	1.45	1.45
540.0	4.24	4.31	0.07	26.03	178.85	540.0	1.41	1.48	1.47
550.0	4.26	4.31	0.05	26.11	179.05	550.0	1.43	1.50	1.48
560.0	4.30	4.34	0.04	26.15	179.37	560.0	1.46	1.50	1.49
570.0	4.34	4.40	0.06	26.13	179.72	570.0	1.47	1.49	1.49
580.0	4.39	4.48	0.09	26.13	180.04	580.0	1.48	1.48	1.50
590.0	4.41	4.54	0.13	26.09	180.04	590.0	1.48	1.47	1.52
600.0	4.39	4.56	0.17	26.05	180.17	600.0	1.47	1.48	1.56

¹ Total Loss = Insertion Loss+ 3 dB Splitter Loss

