

3 Way-0° Power Splitter/Combiner

PSC-3-13+

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-3		1-2	1-3	2-3			S	1	2	3
1.0	5.00	4.99	5.00	0.01	40.54	43.71	46.96	0.06	1.0	1.07	1.12	1.11	1.10
8.4	4.94	4.94	4.94	0.01	45.84	46.65	46.37	0.16	8.4	1.05	1.05	1.05	1.05
13.8	4.95	4.96	4.95	0.01	43.67	44.42	44.35	0.12	13.8	1.05	1.05	1.04	1.04
19.2	4.97	4.97	4.96	0.01	42.04	42.91	43.02	0.07	19.2	1.06	1.05	1.04	1.04
24.6	4.97	4.97	4.98	0.01	40.78	41.92	41.75	0.18	24.6	1.06	1.04	1.04	1.04
30.0	4.98	4.99	4.97	0.02	39.82	40.78	40.89	0.32	30.0	1.05	1.04	1.04	1.04
45.6	5.01	5.01	5.02	0.01	37.43	38.73	38.71	0.38	45.6	1.04	1.04	1.03	1.03
59.2	5.02	5.04	5.04	0.02	35.93	37.46	37.38	0.29	59.2	1.03	1.04	1.03	1.03
86.4	5.05	5.06	5.10	0.05	33.83	35.51	35.47	0.47	86.4	1.08	1.03	1.02	1.03
100.0	5.08	5.08	5.10	0.01	33.17	35.08	34.94	0.82	100.0	1.10	1.03	1.02	1.03
120.0	5.10	5.12	5.14	0.04	32.51	34.64	34.57	0.69	120.0	1.07	1.04	1.02	1.04
140.0	5.13	5.14	5.18	0.05	32.41	34.82	34.81	0.99	140.0	1.04	1.05	1.03	1.05
160.0	5.17	5.16	5.23	0.07	32.84	35.77	35.61	0.77	160.0	1.05	1.06	1.05	1.07
180.0	5.19	5.19	5.22	0.03	33.65	37.63	37.35	1.06	180.0	1.07	1.08	1.06	1.09
200.0	5.19	5.20	5.27	0.07	35.29	41.15	40.89	0.99	200.0	1.10	1.10	1.08	1.11

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS



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6/21/2010
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