

2 Way-0° Power Splitter/Combiner

SCN-ED11378C/4

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
2990.0	3.77	3.76	0.01	10.42	1.02	2990.0	1.82	1.15	1.11
3118.0	3.72	3.72	0.00	11.00	1.02	3118.0	1.74	1.14	1.11
3246.0	3.67	3.68	0.01	11.68	1.04	3246.0	1.65	1.13	1.11
3374.0	3.62	3.64	0.03	12.45	1.00	3374.0	1.57	1.13	1.12
3502.0	3.58	3.61	0.03	13.23	1.02	3502.0	1.48	1.14	1.13
3630.0	3.55	3.60	0.04	14.18	0.81	3630.0	1.42	1.15	1.15
3758.0	3.54	3.57	0.03	15.20	0.74	3758.0	1.36	1.18	1.18
3886.0	3.54	3.55	0.01	16.35	0.71	3886.0	1.32	1.21	1.21
4014.0	3.55	3.55	0.01	17.67	0.69	4014.0	1.30	1.24	1.24
4142.0	3.57	3.56	0.01	19.26	0.68	4142.0	1.31	1.27	1.27
4270.0	3.61	3.60	0.01	21.05	0.69	4270.0	1.35	1.31	1.32
4284.0	3.61	3.61	0.01	21.27	0.68	4284.0	1.36	1.32	1.32
4290.0	3.62	3.61	0.01	21.37	0.67	4290.0	1.36	1.32	1.33
4300.0	3.62	3.61	0.01	21.54	0.67	4300.0	1.37	1.33	1.33
4310.0	3.62	3.61	0.01	21.72	0.66	4310.0	1.37	1.33	1.33
4320.0	3.63	3.61	0.01	21.89	0.66	4320.0	1.37	1.33	1.33
4330.0	3.63	3.62	0.01	22.06	0.65	4330.0	1.37	1.33	1.33
4340.0	3.64	3.62	0.02	22.24	0.65	4340.0	1.38	1.33	1.33
4350.0	3.64	3.62	0.02	22.43	0.64	4350.0	1.38	1.34	1.33
4360.0	3.64	3.63	0.02	22.62	0.64	4360.0	1.39	1.34	1.33
4370.0	3.65	3.63	0.02	22.83	0.65	4370.0	1.39	1.35	1.34
4380.0	3.65	3.64	0.02	23.05	0.67	4380.0	1.40	1.35	1.34
4390.0	3.66	3.64	0.02	23.27	0.68	4390.0	1.40	1.36	1.34
4398.0	3.66	3.64	0.02	23.44	0.68	4398.0	1.40	1.36	1.34
4406.0	3.66	3.65	0.02	23.58	0.69	4406.0	1.41	1.36	1.35
4414.0	3.67	3.65	0.02	23.72	0.69	4414.0	1.41	1.37	1.35
4422.0	3.67	3.65	0.02	23.85	0.70	4422.0	1.42	1.37	1.35
4430.0	3.67	3.66	0.02	23.98	0.70	4430.0	1.42	1.37	1.36
4434.0	3.68	3.66	0.02	24.04	0.70	4434.0	1.43	1.37	1.36
4450.0	3.69	3.67	0.02	24.32	0.70	4450.0	1.44	1.38	1.37
4555.0	3.74	3.72	0.03	26.05	0.64	4555.0	1.50	1.41	1.39
4660.0	3.81	3.78	0.03	26.41	0.68	4660.0	1.57	1.45	1.42
4765.0	3.90	3.86	0.04	25.43	0.73	4765.0	1.67	1.50	1.45
4870.0	3.99	3.95	0.04	23.52	0.76	4870.0	1.76	1.53	1.48
4975.0	4.09	4.04	0.04	21.45	0.79	4975.0	1.87	1.56	1.51
5080.0	4.19	4.14	0.05	19.88	0.77	5080.0	1.97	1.59	1.53
5185.0	4.33	4.27	0.06	18.35	0.85	5185.0	2.10	1.64	1.56
5290.0	4.47	4.41	0.06	17.15	0.91	5290.0	2.24	1.68	1.59
5395.0	4.62	4.55	0.07	15.98	0.93	5395.0	2.40	1.70	1.62
5500.0	4.79	4.73	0.06	14.93	1.00	5500.0	2.58	1.73	1.67
5550.0	4.86	4.80	0.06	14.49	0.98	5550.0	2.65	1.72	1.68

¹Total Loss = Insertion Loss + 3dB Splitter Loss



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site
The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

REV. X2
SCN-ED11378C/4

9/13/2010

PAGE 1 OF 1