

3 Way-0° Power Splitter/Combiner

RACK-3-ED10666/10

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)			
	J1-J3	J1-J4	J1-J5		J3-J4	J3-J5	J4-J5			J1	J3	J4	J5
700.0	4.93	5.02	5.02	0.09	9.43	9.53	9.53	1.33	700.0	1.40	4.87	4.96	4.99
710.0	4.92	5.00	5.01	0.09	9.46	9.55	9.56	1.34	710.0	1.37	4.87	4.96	4.99
720.0	4.91	4.99	5.00	0.09	9.49	9.58	9.58	1.35	720.0	1.35	4.87	4.96	4.99
730.0	4.90	4.98	4.99	0.09	9.51	9.60	9.61	1.37	730.0	1.32	4.87	4.96	4.99
740.0	4.88	4.97	4.98	0.09	9.53	9.62	9.63	1.40	740.0	1.30	4.87	4.96	4.99
750.0	4.87	4.96	4.97	0.10	9.55	9.64	9.65	1.47	750.0	1.27	4.87	4.96	4.99
760.0	4.86	4.94	4.96	0.10	9.57	9.65	9.67	1.53	760.0	1.25	4.86	4.96	4.99
770.0	4.85	4.94	4.95	0.10	9.59	9.67	9.69	1.57	770.0	1.22	4.86	4.96	4.99
780.0	4.84	4.93	4.95	0.11	9.61	9.68	9.70	1.59	780.0	1.20	4.86	4.96	4.99
790.0	4.84	4.92	4.95	0.11	9.63	9.70	9.73	1.62	790.0	1.18	4.86	4.96	4.99
800.0	4.83	4.92	4.94	0.12	9.65	9.71	9.75	1.65	800.0	1.16	4.86	4.96	5.00
810.0	4.82	4.91	4.94	0.12	9.67	9.73	9.77	1.69	810.0	1.13	4.86	4.98	5.00
820.0	4.82	4.91	4.94	0.12	9.69	9.75	9.79	1.73	820.0	1.11	4.86	4.98	5.00
830.0	4.81	4.90	4.94	0.12	9.71	9.77	9.81	1.70	830.0	1.09	4.87	4.98	5.00
840.0	4.81	4.90	4.94	0.12	9.73	9.78	9.83	1.80	840.0	1.07	4.87	4.98	5.02
850.0	4.82	4.89	4.93	0.12	9.75	9.80	9.84	1.82	850.0	1.06	4.87	4.98	5.02
855.0	4.82	4.89	4.93	0.11	9.75	9.80	9.85	1.82	855.0	1.05	4.87	4.98	5.02
860.0	4.82	4.89	4.93	0.11	9.76	9.81	9.85	1.82	860.0	1.04	4.87	4.98	5.02
865.0	4.82	4.88	4.93	0.11	9.77	9.81	9.86	1.83	865.0	1.04	4.87	4.98	5.02
870.0	4.82	4.88	4.93	0.11	9.77	9.82	9.87	1.81	870.0	1.04	4.87	4.98	5.02
875.0	4.83	4.88	4.93	0.10	9.78	9.82	9.87	1.83	875.0	1.04	4.87	4.98	5.00
880.0	4.83	4.88	4.93	0.10	9.78	9.82	9.88	1.83	880.0	1.04	4.87	4.98	5.00
885.0	4.83	4.88	4.93	0.10	9.79	9.83	9.88	1.83	885.0	1.05	4.87	4.98	5.00
890.0	4.83	4.88	4.93	0.10	9.79	9.83	9.89	1.83	890.0	1.05	4.87	4.98	5.02
895.0	4.83	4.88	4.93	0.10	9.80	9.83	9.89	1.83	895.0	1.06	4.87	4.98	5.02
900.0	4.83	4.88	4.94	0.10	9.80	9.84	9.90	1.85	900.0	1.07	4.87	4.98	5.02
915.0	4.84	4.88	4.95	0.10	9.82	9.85	9.92	1.91	915.0	1.09	4.88	4.99	5.03
930.0	4.85	4.89	4.96	0.11	9.84	9.86	9.93	2.01	930.0	1.12	4.88	5.00	5.06
945.0	4.86	4.91	4.97	0.12	9.85	9.86	9.94	2.14	945.0	1.15	4.89	5.03	5.07
960.0	4.87	4.91	4.99	0.12	9.86	9.86	9.95	2.27	960.0	1.18	4.91	5.03	5.07
990.0	4.90	4.93	5.01	0.11	9.86	9.86	9.95	2.40	990.0	1.25	4.92	5.03	5.07
1005.0	4.91	4.93	5.03	0.12	9.86	9.85	9.94	2.43	1005.0	1.28	4.92	5.03	5.09
1020.0	4.93	4.94	5.05	0.12	9.86	9.84	9.94	2.49	1020.0	1.31	4.93	5.03	5.09
1035.0	4.95	4.95	5.06	0.11	9.86	9.83	9.94	2.55	1035.0	1.34	4.95	5.03	5.10
1050.0	4.98	4.96	5.08	0.12	9.85	9.82	9.93	2.58	1050.0	1.38	4.96	5.02	5.10
1065.0	5.01	4.97	5.10	0.13	9.84	9.80	9.91	2.58	1065.0	1.41	4.98	5.02	5.10
1080.0	5.03	4.98	5.12	0.13	9.82	9.78	9.90	2.56	1080.0	1.44	4.98	5.00	5.10
1095.0	5.05	5.00	5.14	0.14	9.80	9.75	9.88	2.57	1095.0	1.48	4.98	5.00	5.10
1110.0	5.07	5.02	5.17	0.15	9.78	9.72	9.85	2.61	1110.0	1.51	4.96	5.02	5.12
1125.0	5.08	5.04	5.19	0.15	9.75	9.69	9.82	2.69	1125.0	1.54	4.96	5.02	5.12

¹Total Loss = Insertion Loss + 4.8dB 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
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IF/RF MICROWAVE COMPONENTS

REV. X2

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