

3 Way-0° Power Splitter/Combiner

RACK-3-ED10666A/2

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	5.14	5.19	5.07	0.12	8.86	8.86	8.85	0.61	700.0	1.53	5.01	5.01	4.93
710.0	5.00	5.06	4.93	0.12	9.49	9.48	9.48	0.55	710.0	1.49	5.00	5.03	4.90
720.0	4.93	4.98	4.86	0.12	10.05	10.03	10.05	0.46	720.0	1.48	5.00	5.07	4.89
730.0	4.91	4.96	4.84	0.12	9.89	9.86	9.88	0.44	730.0	1.43	5.01	5.09	4.90
740.0	4.95	5.00	4.89	0.12	9.34	9.33	9.33	0.46	740.0	1.39	5.00	5.06	4.90
750.0	5.01	5.06	4.94	0.12	8.90	8.90	8.90	0.45	750.0	1.35	4.96	4.99	4.88
760.0	4.95	5.00	4.88	0.11	9.51	9.49	9.50	0.36	760.0	1.31	4.94	4.92	4.87
770.0	4.92	4.96	4.85	0.11	9.79	9.76	9.78	0.27	770.0	1.30	4.93	4.87	4.87
780.0	4.89	4.93	4.82	0.11	9.71	9.68	9.71	0.25	780.0	1.27	4.93	4.85	4.87
790.0	4.89	4.93	4.83	0.11	9.46	9.44	9.45	0.27	790.0	1.24	4.93	4.84	4.85
800.0	4.90	4.94	4.84	0.10	9.36	9.34	9.35	0.23	800.0	1.21	4.92	4.86	4.82
810.0	4.87	4.91	4.81	0.10	9.64	9.61	9.63	0.15	810.0	1.18	4.91	4.90	4.79
820.0	4.87	4.90	4.81	0.10	9.64	9.59	9.63	0.09	820.0	1.16	4.92	4.95	4.79
830.0	4.86	4.89	4.80	0.09	9.67	9.64	9.66	0.08	830.0	1.14	4.93	4.99	4.80
840.0	4.88	4.91	4.82	0.09	9.52	9.50	9.51	0.10	840.0	1.12	4.93	4.99	4.80
850.0	4.89	4.92	4.83	0.09	9.54	9.51	9.52	0.05	850.0	1.10	4.93	4.97	4.82
855.0	4.88	4.91	4.83	0.08	9.60	9.56	9.58	0.01	855.0	1.09	4.93	4.95	4.83
860.0	4.87	4.90	4.82	0.08	9.59	9.55	9.58	0.03	860.0	1.09	4.93	4.93	4.84
865.0	4.85	4.87	4.80	0.08	9.51	9.45	9.49	0.07	865.0	1.08	4.95	4.92	4.86
870.0	4.84	4.86	4.79	0.07	9.47	9.42	9.46	0.09	870.0	1.08	4.96	4.91	4.88
875.0	4.84	4.86	4.79	0.07	9.59	9.54	9.58	0.09	875.0	1.08	4.97	4.91	4.89
880.0	4.84	4.86	4.79	0.07	9.73	9.69	9.71	0.09	880.0	1.08	4.99	4.91	4.91
885.0	4.82	4.84	4.77	0.07	9.78	9.74	9.76	0.09	885.0	1.08	5.01	4.92	4.92
890.0	4.81	4.83	4.76	0.07	9.76	9.73	9.74	0.10	890.0	1.09	5.03	4.94	4.94
895.0	4.81	4.83	4.76	0.06	9.75	9.72	9.74	0.12	895.0	1.09	5.04	4.96	4.94
900.0	4.82	4.83	4.77	0.06	9.75	9.70	9.73	0.14	900.0	1.09	5.06	4.98	4.95
915.0	4.83	4.84	4.78	0.05	9.38	9.31	9.35	0.20	915.0	1.12	5.08	5.04	4.95
930.0	4.83	4.83	4.79	0.05	9.74	9.68	9.72	0.24	930.0	1.14	5.08	5.07	4.95
945.0	4.83	4.83	4.79	0.04	9.98	9.92	9.95	0.28	945.0	1.18	5.05	5.02	4.95
960.0	4.82	4.81	4.78	0.03	9.75	9.69	9.73	0.31	960.0	1.21	5.05	4.94	4.98
975.0	4.84	4.83	4.81	0.03	9.72	9.65	9.68	0.33	975.0	1.24	5.08	4.90	5.04
990.0	4.84	4.83	4.81	0.03	9.96	9.89	9.93	0.37	990.0	1.28	5.17	4.96	5.10
1005.0	4.84	4.82	4.82	0.02	9.75	9.67	9.71	0.38	1005.0	1.32	5.27	5.12	5.14
1020.0	4.85	4.82	4.83	0.03	9.84	9.76	9.79	0.40	1020.0	1.36	5.33	5.29	5.15
1035.0	4.85	4.82	4.83	0.04	10.34	10.16	10.19	0.44	1035.0	1.40	5.32	5.36	5.13
1050.0	4.86	4.81	4.84	0.04	10.08	9.99	10.02	0.45	1050.0	1.43	5.26	5.29	5.11
1065.0	4.87	4.82	4.86	0.05	9.85	9.76	9.79	0.45	1065.0	1.47	5.20	5.16	5.11
1080.0	4.88	4.82	4.88	0.06	10.31	10.21	10.24	0.48	1080.0	1.50	5.21	5.08	5.16
1095.0	4.89	4.82	4.88	0.07	10.33	10.23	10.26	0.49	1095.0	1.54	5.27	5.12	5.23
1110.0	4.91	4.83	4.91	0.08	10.03	9.92	9.95	0.47	1110.0	1.59	5.36	5.27	5.28
1125.0	4.94	4.85	4.94	0.09	10.29	10.17	10.21	0.48	1125.0	1.61	5.42	5.44	5.30

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



REV. X2

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