

3 Way-0° Power Splitter/Combiner

RACK-3-ED10666/2

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
700.00	5.09	5.16	5.21	0.13	9.12	9.24	9.24	0.65	700.00	1.52	4.43	4.52	4.56
710.00	5.07	5.15	5.19	0.11	9.12	9.28	9.27	0.66	710.00	1.49	4.41	4.50	4.54
720.00	5.04	5.11	5.16	0.11	9.17	9.29	9.29	0.63	720.00	1.46	4.40	4.48	4.53
730.00	5.04	5.11	5.14	0.11	9.22	9.31	9.31	0.66	730.00	1.44	4.40	4.47	4.53
740.00	5.04	5.10	5.15	0.12	9.23	9.36	9.39	0.65	740.00	1.41	4.38	4.46	4.51
750.00	5.03	5.09	5.15	0.12	9.25	9.40	9.38	0.68	750.00	1.39	4.38	4.44	4.50
760.00	5.01	5.07	5.13	0.11	9.24	9.39	9.39	0.66	760.00	1.36	4.37	4.43	4.51
770.00	5.00	5.05	5.12	0.12	9.25	9.36	9.39	0.77	770.00	1.34	4.36	4.42	4.48
780.00	4.99	5.06	5.12	0.13	9.26	9.36	9.38	0.68	780.00	1.31	4.35	4.41	4.46
790.00	4.98	5.05	5.10	0.12	9.26	9.36	9.38	0.77	790.00	1.29	4.34	4.41	4.47
800.00	4.97	5.03	5.09	0.12	9.22	9.35	9.37	0.82	800.00	1.27	4.34	4.39	4.46
810.00	4.96	5.01	5.08	0.12	9.25	9.35	9.37	0.87	810.00	1.25	4.33	4.39	4.46
820.00	4.96	5.00	5.07	0.11	9.27	9.34	9.41	0.89	820.00	1.22	4.32	4.38	4.45
830.00	4.95	5.00	5.06	0.11	9.30	9.40	9.41	0.94	830.00	1.20	4.31	4.36	4.44
840.00	4.95	5.01	5.06	0.11	9.33	9.41	9.44	0.88	840.00	1.19	4.30	4.36	4.44
850.00	4.95	5.00	5.06	0.12	9.38	9.48	9.50	0.86	850.00	1.17	4.29	4.35	4.42
855.00	4.98	5.01	5.08	0.10	9.38	9.46	9.49	0.96	855.00	1.16	4.30	4.34	4.42
860.00	4.97	5.00	5.07	0.10	9.39	9.47	9.51	0.91	860.00	1.15	4.28	4.34	4.41
865.00	4.97	5.01	5.08	0.11	9.39	9.49	9.53	0.96	865.00	1.15	4.28	4.33	4.42
870.00	4.97	5.01	5.09	0.11	9.39	9.47	9.50	0.99	870.00	1.14	4.30	4.34	4.41
875.00	4.98	5.01	5.08	0.09	9.37	9.47	9.50	1.05	875.00	1.14	4.27	4.32	4.41
880.00	4.98	5.03	5.09	0.10	9.41	9.46	9.50	0.94	880.00	1.14	4.27	4.32	4.41
885.00	4.97	5.01	5.08	0.11	9.37	9.45	9.47	1.02	885.00	1.13	4.29	4.33	4.41
890.00	4.99	5.01	5.09	0.10	9.37	9.45	9.48	0.89	890.00	1.13	4.28	4.33	4.40
895.00	4.96	4.98	5.07	0.12	9.35	9.41	9.46	1.02	895.00	1.13	4.27	4.32	4.40
900.00	4.97	5.01	5.06	0.10	9.36	9.42	9.48	1.07	900.00	1.13	4.27	4.32	4.40
915.00	4.95	4.98	5.06	0.10	9.33	9.38	9.43	1.09	915.00	1.14	4.27	4.32	4.41
930.00	4.94	4.96	5.04	0.10	9.31	9.36	9.41	1.09	930.00	1.16	4.28	4.32	4.40
945.00	4.96	4.97	5.05	0.09	9.34	9.38	9.42	1.14	945.00	1.18	4.27	4.31	4.39
960.00	4.96	4.98	5.04	0.08	9.30	9.32	9.40	1.14	960.00	1.21	4.28	4.31	4.39
975.00	5.01	5.00	5.08	0.08	9.35	9.37	9.42	1.20	975.00	1.25	4.29	4.31	4.39
990.00	5.03	5.04	5.12	0.09	9.35	9.36	9.43	1.23	990.00	1.28	4.29	4.31	4.39
1005.00	5.06	5.07	5.15	0.09	9.37	9.37	9.43	1.17	1005.00	1.32	4.31	4.31	4.39
1020.00	5.07	5.06	5.15	0.09	9.38	9.35	9.42	1.18	1020.00	1.36	4.31	4.31	4.39
1035.00	5.08	5.07	5.16	0.09	9.31	9.31	9.38	1.19	1035.00	1.41	4.33	4.32	4.40
1050.00	5.08	5.06	5.16	0.10	9.30	9.26	9.35	1.19	1050.00	1.45	4.34	4.33	4.39
1065.00	5.10	5.09	5.17	0.08	9.28	9.23	9.33	1.28	1065.00	1.50	4.37	4.34	4.41
1080.00	5.10	5.08	5.18	0.09	9.18	9.17	9.24	1.27	1080.00	1.55	4.38	4.36	4.42
1095.00	5.15	5.12	5.22	0.10	9.18	9.14	9.22	1.31	1095.00	1.60	4.40	4.38	4.44
1110.00	5.20	5.16	5.25	0.09	9.18	9.09	9.19	1.26	1110.00	1.64	4.41	4.40	4.45
1125.00	5.25	5.21	5.30	0.09	9.19	9.10	9.24	1.27	1125.00	1.69	4.44	4.43	4.46

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



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9/1/2010

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