

3 Way-0° Power Splitter/Combiner

RACK-3-ED9920A/8

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
1800.0	5.04	4.94	5.01	0.11	9.66	9.84	9.68	1.77	1800.0	1.17	4.80	4.63	4.78
1810.0	5.04	4.93	5.01	0.10	9.69	9.86	9.71	1.80	1810.0	1.16	4.82	4.64	4.78
1820.0	5.03	4.93	5.00	0.10	9.73	9.89	9.74	1.82	1820.0	1.15	4.84	4.64	4.77
1830.0	5.03	4.93	4.99	0.10	9.78	9.92	9.78	1.84	1830.0	1.14	4.86	4.66	4.78
1840.0	5.02	4.93	4.98	0.09	9.82	9.95	9.82	1.85	1840.0	1.13	4.87	4.67	4.78
1850.0	5.02	4.93	4.97	0.09	9.85	9.96	9.84	1.87	1850.0	1.12	4.88	4.68	4.78
1860.0	5.01	4.93	4.97	0.08	9.85	9.96	9.85	1.89	1860.0	1.10	4.88	4.68	4.77
1870.0	5.01	4.93	4.96	0.08	9.84	9.93	9.83	1.90	1870.0	1.10	4.86	4.68	4.75
1880.0	5.01	4.94	4.95	0.07	9.83	9.90	9.81	1.90	1880.0	1.09	4.84	4.67	4.74
1890.0	5.00	4.94	4.95	0.07	9.83	9.89	9.81	1.92	1890.0	1.08	4.83	4.68	4.73
1900.0	5.00	4.94	4.94	0.06	9.87	9.91	9.85	1.93	1900.0	1.07	4.84	4.70	4.74
1930.0	5.00	4.94	4.94	0.06	10.00	9.99	9.95	1.93	1930.0	1.04	4.88	4.79	4.78
1935.0	5.00	4.95	4.93	0.07	10.00	9.99	9.95	1.95	1935.0	1.04	4.88	4.79	4.78
1940.0	4.99	4.95	4.92	0.07	9.99	9.98	9.95	1.94	1940.0	1.03	4.87	4.79	4.78
1945.0	5.00	4.95	4.92	0.07	9.98	9.96	9.93	1.94	1945.0	1.02	4.86	4.79	4.77
1950.0	5.00	4.96	4.92	0.08	9.96	9.93	9.91	1.92	1950.0	1.02	4.84	4.78	4.75
1955.0	5.00	4.96	4.92	0.08	9.95	9.91	9.89	1.92	1955.0	1.01	4.83	4.78	4.74
1960.0	5.00	4.97	4.92	0.08	9.94	9.89	9.88	1.93	1960.0	1.01	4.82	4.77	4.73
1965.0	5.00	4.97	4.92	0.08	9.93	9.88	9.87	1.93	1965.0	1.01	4.80	4.77	4.72
1970.0	5.01	4.98	4.92	0.08	9.93	9.87	9.87	1.93	1970.0	1.01	4.79	4.78	4.72
1975.0	5.01	4.98	4.92	0.08	9.93	9.86	9.87	1.90	1975.0	1.01	4.79	4.78	4.72
1980.0	5.00	4.98	4.92	0.08	9.94	9.86	9.87	1.91	1980.0	1.01	4.80	4.79	4.72
1985.0	5.00	4.98	4.92	0.09	9.95	9.86	9.88	1.90	1985.0	1.01	4.80	4.79	4.72
1990.0	5.00	4.98	4.91	0.09	9.95	9.86	9.88	1.90	1990.0	1.01	4.80	4.80	4.72
2000.0	4.99	4.98	4.91	0.09	9.97	9.86	9.89	1.88	2000.0	1.03	4.82	4.80	4.72
2010.0	4.99	4.98	4.90	0.09	9.98	9.86	9.91	1.88	2010.0	1.04	4.83	4.82	4.70
2020.0	4.99	4.98	4.89	0.09	10.01	9.88	9.93	1.88	2020.0	1.05	4.86	4.83	4.70
2030.0	4.98	4.99	4.89	0.10	10.03	9.89	9.95	1.86	2030.0	1.06	4.87	4.84	4.70
2040.0	4.99	4.99	4.89	0.10	10.03	9.88	9.95	1.86	2040.0	1.07	4.87	4.84	4.69
2050.0	4.99	5.00	4.89	0.11	10.01	9.85	9.93	1.85	2050.0	1.08	4.86	4.83	4.67
2060.0	5.00	5.01	4.89	0.12	9.98	9.80	9.88	1.82	2060.0	1.09	4.83	4.80	4.64
2070.0	5.00	5.02	4.89	0.13	9.93	9.75	9.84	1.82	2070.0	1.10	4.79	4.79	4.62
2080.0	5.00	5.03	4.89	0.14	9.92	9.72	9.82	1.80	2080.0	1.10	4.78	4.80	4.61
2090.0	5.00	5.03	4.89	0.14	9.95	9.73	9.85	1.77	2090.0	1.11	4.78	4.83	4.63
2100.0	5.00	5.04	4.89	0.15	9.99	9.75	9.88	1.75	2100.0	1.12	4.80	4.87	4.66
2110.0	5.00	5.04	4.88	0.16	10.02	9.76	9.91	1.72	2110.0	1.13	4.82	4.89	4.67
2120.0	5.00	5.05	4.88	0.17	10.03	9.76	9.91	1.71	2120.0	1.14	4.82	4.91	4.67
2130.0	5.00	5.05	4.88	0.17	10.02	9.74	9.90	1.67	2130.0	1.16	4.80	4.91	4.66
2140.0	5.00	5.06	4.88	0.18	9.99	9.70	9.87	1.66	2140.0	1.17	4.78	4.91	4.63
2150.0	5.01	5.07	4.88	0.19	9.96	9.66	9.84	1.63	2150.0	1.17	4.77	4.89	4.61

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



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REV. X2
RACK-3-ED9920A/8
9/1/2010
Page 1 of 1