

2 Way-0° Power Splitter/Combiner

RACK-2-ED9940A/8

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	J1-J3	J1-J4					J1	J3	J4
1800.0	3.07	3.02	0.05	6.04	0.33	1800.0	1.13	2.87	2.86
1810.0	3.07	3.02	0.05	6.04	0.36	1810.0	1.12	2.85	2.85
1820.0	3.08	3.05	0.03	6.05	0.42	1820.0	1.12	2.84	2.84
1830.0	3.07	3.01	0.06	6.03	0.33	1830.0	1.11	2.82	2.84
1840.0	3.07	3.01	0.06	6.01	0.38	1840.0	1.11	2.81	2.84
1850.0	3.07	3.01	0.06	6.01	0.52	1850.0	1.10	2.81	2.85
1860.0	3.07	3.03	0.04	6.03	0.52	1860.0	1.09	2.82	2.87
1870.0	3.07	3.03	0.04	6.07	0.38	1870.0	1.08	2.83	2.89
1880.0	3.11	3.05	0.06	6.09	0.43	1880.0	1.07	2.85	2.92
1890.0	3.10	3.05	0.05	6.10	0.42	1890.0	1.06	2.87	2.94
1900.0	3.11	3.05	0.06	6.10	0.49	1900.0	1.06	2.89	2.96
1930.0	3.13	3.06	0.07	6.08	0.43	1930.0	1.05	2.93	3.00
1935.0	3.12	3.06	0.06	6.08	0.60	1935.0	1.05	2.94	3.00
1940.0	3.13	3.05	0.08	6.07	0.66	1940.0	1.05	2.95	3.01
1945.0	3.13	3.07	0.06	6.07	0.46	1945.0	1.05	2.96	3.02
1950.0	3.14	3.07	0.07	6.06	0.56	1950.0	1.04	2.97	3.02
1955.0	3.13	3.07	0.06	6.07	0.50	1955.0	1.04	2.99	3.04
1960.0	3.13	3.06	0.07	6.09	0.55	1960.0	1.04	3.00	3.04
1965.0	3.15	3.06	0.09	6.12	0.53	1965.0	1.03	3.01	3.05
1970.0	3.14	3.08	0.06	6.12	0.52	1970.0	1.03	3.03	3.06
1975.0	3.14	3.08	0.06	6.13	0.55	1975.0	1.02	3.05	3.07
1980.0	3.16	3.07	0.09	6.16	0.58	1980.0	1.02	3.07	3.08
1985.0	3.15	3.08	0.07	6.16	0.57	1985.0	1.01	3.09	3.08
1990.0	3.14	3.08	0.06	6.18	0.66	1990.0	1.01	3.10	3.09
2000.0	3.18	3.09	0.09	6.18	0.56	2000.0	1.00	3.12	3.10
2010.0	3.18	3.10	0.08	6.15	0.56	2010.0	1.01	3.13	3.10
2020.0	3.20	3.11	0.09	6.16	0.55	2020.0	1.01	3.13	3.09
2030.0	3.20	3.11	0.09	6.15	0.72	2030.0	1.01	3.13	3.08
2040.0	3.21	3.12	0.09	6.15	0.65	2040.0	1.01	3.13	3.07
2050.0	3.19	3.12	0.07	6.17	0.64	2050.0	1.01	3.12	3.06
2060.0	3.19	3.10	0.09	6.19	0.66	2060.0	1.01	3.12	3.06
2070.0	3.19	3.11	0.08	6.21	0.72	2070.0	1.02	3.13	3.06
2080.0	3.20	3.11	0.09	6.22	0.77	2080.0	1.03	3.14	3.07
2090.0	3.23	3.14	0.09	6.23	0.80	2090.0	1.04	3.16	3.09
2100.0	3.23	3.15	0.08	6.22	0.87	2100.0	1.04	3.17	3.10
2110.0	3.26	3.16	0.10	6.24	0.81	2110.0	1.05	3.18	3.12
2120.0	3.26	3.17	0.09	6.25	0.84	2120.0	1.05	3.18	3.13
2130.0	3.27	3.18	0.09	6.25	0.92	2130.0	1.06	3.17	3.14
2140.0	3.26	3.16	0.10	6.26	0.84	2140.0	1.06	3.15	3.14
2150.0	3.24	3.15	0.09	6.25	0.82	2150.0	1.05	3.13	3.14

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2

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