

2 Way-0° Power Splitter/Combiner

RACK-2-ED9940C/2

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	3.28	3.16	0.12	5.74	0.15	1800.0	1.15	2.63	2.65
1810.0	3.28	3.15	0.12	5.77	0.05	1810.0	1.15	2.64	2.70
1820.0	3.27	3.16	0.11	5.80	0.03	1820.0	1.15	2.65	2.75
1830.0	3.26	3.16	0.10	5.81	0.07	1830.0	1.14	2.66	2.79
1840.0	3.25	3.17	0.08	5.81	0.04	1840.0	1.14	2.68	2.82
1850.0	3.25	3.17	0.07	5.80	0.02	1850.0	1.14	2.70	2.82
1860.0	3.25	3.18	0.07	5.78	0.10	1860.0	1.13	2.72	2.80
1870.0	3.25	3.18	0.07	5.78	0.20	1870.0	1.12	2.75	2.79
1880.0	3.26	3.18	0.07	5.79	0.30	1880.0	1.12	2.79	2.77
1890.0	3.26	3.18	0.08	5.81	0.36	1890.0	1.11	2.82	2.77
1900.0	3.26	3.16	0.10	5.83	0.36	1900.0	1.11	2.84	2.78
1930.0	3.26	3.14	0.13	5.87	0.10	1930.0	1.10	2.90	2.84
1935.0	3.26	3.14	0.12	5.88	0.05	1935.0	1.09	2.92	2.86
1940.0	3.26	3.14	0.12	5.89	0.01	1940.0	1.09	2.95	2.87
1945.0	3.26	3.15	0.11	5.90	0.05	1945.0	1.09	2.97	2.90
1950.0	3.26	3.16	0.11	5.90	0.08	1950.0	1.09	3.01	2.91
1955.0	3.26	3.16	0.10	5.91	0.11	1955.0	1.09	3.04	2.93
1960.0	3.26	3.17	0.09	5.91	0.12	1960.0	1.09	3.07	2.95
1965.0	3.26	3.18	0.08	5.91	0.11	1965.0	1.09	3.10	2.96
1970.0	3.25	3.18	0.08	5.90	0.11	1970.0	1.08	3.13	2.96
1975.0	3.25	3.18	0.07	5.89	0.10	1975.0	1.08	3.15	2.97
1980.0	3.25	3.18	0.06	5.87	0.10	1980.0	1.08	3.16	2.96
1985.0	3.24	3.18	0.06	5.86	0.03	1985.0	1.08	3.16	2.96
1990.0	3.24	3.18	0.06	5.84	0.01	1990.0	1.08	3.16	2.96
2000.0	3.24	3.18	0.06	5.83	0.06	2000.0	1.07	3.14	2.95
2010.0	3.24	3.17	0.07	5.84	0.11	2010.0	1.07	3.12	2.94
2020.0	3.25	3.17	0.08	5.87	0.12	2020.0	1.06	3.11	2.95
2030.0	3.26	3.18	0.08	5.91	0.07	2030.0	1.06	3.11	2.96
2040.0	3.27	3.18	0.09	5.95	0.02	2040.0	1.05	3.14	2.98
2050.0	3.26	3.17	0.09	5.99	0.14	2050.0	1.05	3.19	2.99
2060.0	3.25	3.17	0.09	6.01	0.23	2060.0	1.05	3.26	3.01
2070.0	3.24	3.16	0.08	6.02	0.27	2070.0	1.04	3.34	3.04
2080.0	3.22	3.16	0.06	6.02	0.28	2080.0	1.05	3.41	3.06
2090.0	3.20	3.17	0.04	6.03	0.24	2090.0	1.05	3.44	3.08
2100.0	3.19	3.16	0.02	6.02	0.18	2100.0	1.05	3.43	3.10
2110.0	3.17	3.15	0.02	6.00	0.10	2110.0	1.06	3.39	3.09
2120.0	3.16	3.14	0.02	5.99	0.03	2120.0	1.06	3.32	3.09
2130.0	3.16	3.13	0.04	5.99	0.04	2130.0	1.06	3.28	3.08
2140.0	3.17	3.12	0.05	6.01	0.10	2140.0	1.07	3.27	3.08
2150.0	3.18	3.11	0.07	6.06	0.14	2150.0	1.07	3.30	3.09

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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