

3 Way-0° Power Splitter/Combiner

RACK-3-ED11026/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)			
	J1-J2	J1-J3	J1-J4		J2-J3	J2-J4	J3-J4			J1	J2	J3	J4
1800.0	5.19	5.09	5.07	0.12	26.81	23.25	29.12	1.15	1800.0	1.20	1.20	1.12	1.08
1810.0	5.17	5.07	5.05	0.11	27.06	23.42	29.23	1.13	1810.0	1.19	1.20	1.12	1.08
1820.0	5.16	5.06	5.06	0.10	27.46	23.60	29.23	1.11	1820.0	1.18	1.20	1.11	1.08
1830.0	5.15	5.07	5.06	0.09	27.65	23.97	29.05	1.15	1830.0	1.16	1.19	1.10	1.07
1840.0	5.13	5.06	5.05	0.08	28.04	24.09	28.87	1.13	1840.0	1.14	1.18	1.10	1.06
1850.0	5.12	5.06	5.05	0.07	28.46	24.39	28.81	1.20	1850.0	1.13	1.17	1.10	1.06
1860.0	5.14	5.08	5.06	0.08	28.73	24.75	28.73	1.23	1860.0	1.12	1.16	1.10	1.05
1870.0	5.14	5.08	5.08	0.06	28.98	25.14	28.37	1.21	1870.0	1.10	1.16	1.10	1.05
1880.0	5.12	5.08	5.08	0.05	29.47	25.24	28.14	1.23	1880.0	1.10	1.15	1.10	1.05
1890.0	5.13	5.08	5.09	0.05	29.67	25.70	27.85	1.25	1890.0	1.09	1.14	1.10	1.05
1900.0	5.12	5.07	5.08	0.05	29.93	25.89	27.84	1.26	1900.0	1.08	1.14	1.10	1.05
1930.0	5.11	5.08	5.10	0.03	30.48	27.01	26.77	1.25	1930.0	1.05	1.14	1.09	1.03
1935.0	5.11	5.08	5.10	0.03	30.33	27.39	26.66	1.30	1935.0	1.05	1.14	1.09	1.03
1940.0	5.11	5.08	5.09	0.03	30.64	27.49	26.59	1.30	1940.0	1.04	1.13	1.10	1.02
1945.0	5.10	5.07	5.09	0.02	30.63	27.70	26.37	1.29	1945.0	1.04	1.13	1.10	1.02
1950.0	5.10	5.09	5.11	0.02	30.69	27.89	26.16	1.30	1950.0	1.03	1.13	1.10	1.02
1955.0	5.10	5.08	5.10	0.02	30.64	28.06	26.16	1.24	1955.0	1.03	1.12	1.11	1.02
1960.0	5.10	5.07	5.10	0.03	30.71	28.18	26.08	1.32	1960.0	1.02	1.12	1.12	1.02
1965.0	5.10	5.08	5.12	0.03	30.56	28.65	25.74	1.22	1965.0	1.02	1.12	1.12	1.02
1970.0	5.10	5.09	5.11	0.03	30.51	28.68	25.69	1.23	1970.0	1.02	1.11	1.13	1.03
1975.0	5.10	5.08	5.11	0.03	30.50	29.06	25.40	1.34	1975.0	1.02	1.11	1.13	1.03
1980.0	5.09	5.08	5.13	0.05	30.49	29.44	25.22	1.27	1980.0	1.01	1.11	1.13	1.03
1985.0	5.09	5.08	5.11	0.03	30.25	29.51	25.20	1.25	1985.0	1.02	1.11	1.13	1.03
1990.0	5.09	5.08	5.13	0.05	30.39	29.81	25.08	1.18	1990.0	1.01	1.11	1.14	1.04
2000.0	5.09	5.10	5.15	0.05	29.97	30.44	24.68	1.27	2000.0	1.01	1.11	1.14	1.04
2010.0	5.10	5.09	5.15	0.06	29.76	31.11	24.35	1.25	2010.0	1.01	1.11	1.14	1.04
2020.0	5.10	5.09	5.14	0.05	29.47	31.54	24.13	1.18	2020.0	1.01	1.12	1.15	1.04
2030.0	5.07	5.07	5.13	0.06	29.22	31.88	24.03	1.20	2030.0	1.02	1.12	1.16	1.05
2040.0	5.08	5.08	5.14	0.06	28.80	33.12	23.64	1.18	2040.0	1.03	1.13	1.18	1.06
2050.0	5.08	5.09	5.16	0.08	28.51	33.92	23.36	1.16	2050.0	1.04	1.13	1.18	1.08
2060.0	5.08	5.09	5.17	0.09	28.09	34.94	23.14	1.25	2060.0	1.05	1.13	1.19	1.09
2070.0	5.06	5.07	5.16	0.09	27.71	35.86	22.84	1.19	2070.0	1.05	1.13	1.19	1.10
2080.0	5.07	5.09	5.16	0.10	27.29	36.90	22.59	1.10	2080.0	1.05	1.12	1.19	1.10
2090.0	5.08	5.08	5.18	0.10	26.93	38.42	22.38	1.21	2090.0	1.06	1.12	1.18	1.10
2100.0	5.06	5.07	5.17	0.11	26.52	40.00	22.11	1.00	2100.0	1.05	1.12	1.18	1.10
2110.0	5.07	5.08	5.19	0.12	26.22	42.17	21.83	1.04	2110.0	1.06	1.12	1.17	1.10
2120.0	5.07	5.10	5.19	0.11	25.96	44.74	21.60	0.98	2120.0	1.06	1.12	1.17	1.10
2130.0	5.08	5.11	5.19	0.12	25.51	48.15	21.43	0.96	2130.0	1.06	1.13	1.18	1.11
2140.0	5.06	5.10	5.21	0.15	25.33	51.16	21.28	0.95	2140.0	1.07	1.14	1.18	1.12
2150.0	5.07	5.10	5.21	0.14	25.01	54.99	21.01	0.98	2150.0	1.08	1.14	1.19	1.13

¹Total Loss = Insertion Loss + 4.8dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



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