4 Way-0° Power Splitter/Combiner RACK-4-ED12631/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS[1] (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)
	S-1	S-2	S-3	S-4		1-2	2-3	3-4	
1750.0	6.17	6.40	6.37	6.34	0.23	12.07	12.29	12.21	3.07
1760.0	6.16	6.39	6.37	6.33	0.23	12.09	12.30	12.22	3.06
1770.0	6.16	6.39	6.36	6.32	0.23	12.09	12.30	12.23	3.05
1780.0	6.15	6.38	6.35	6.31	0.23	12.09	12.29	12.22	3.03
1790.0	6.14	6.37	6.34	6.31	0.23	12.08	12.29	12.21	3.01
1800.0	6.13	6.36	6.33	6.30	0.23	12.07	12.28	12.20	3.00
1810.0	6.12	6.35	6.31	6.29	0.23	12.06	12.27	12.19	2.98
1820.0	6.11	6.34	6.30	6.28	0.23	12.06	12.26	12.18	2.94
1830.0	6.11	6.33	6.29	6.27	0.23	12.05	12.26	12.17	2.92
1840.0	6.11	6.33	6.28	6.27	0.22	12.05	12.25	12.17	2.90
1850.0	6.11	6.32	6.28	6.26	0.21	12.05	12.25	12.16	2.87
1860.0	6.11	6.30	6.27	6.25	0.19	12.07	12.25	12.18	2.83
1870.0	6.11	6.29	6.27	6.24	0.18	12.09	12.27	12.19	2.81
1880.0	6.12	6.27	6.27	6.22	0.16	12.11	12.28	12.21	2.78
1890.0	6.12	6.26	6.26	6.21	0.14	12.13	12.29	12.22	2.76
1900.0	6.12	6.25	6.25	6.21	0.13	12.13	12.29	12.22	2.74
1910.0	6.13	6.24	6.25	6.21	0.12	12.12	12.27	12.21	2.71
1920.0	6.13	6.24	6.24	6.21	0.11	12.11	12.25	12.19	2.67
1930.0	6.14	6.24	6.23	6.21	0.10	12.10	12.23	12.17	2.66
1940.0	6.14	6.23	6.22	6.21	0.09	12.11	12.23	12.17	2.63
1950.0	6.14	6.21	6.21	6.20	0.07	12.13	12.24	12.19	2.60
1960.0	6.14	6.19	6.20	6.19	0.06	12.15	12.24	12.20	2.57
1970.0	6.14	6.18	6.18	6.18	0.04	12.16	12.24	12.21	2.55
1980.0	6.15	6.16	6.18	6.17	0.03	12.17	12.23	12.20	2.53
1990.0	6.17	6.16	6.18	6.17	0.02	12.16	12.21	12.19	2.52
2000.0	6.19	6.15	6.18	6.18	0.03	12.15	12.19	12.17	2.51
2010.0	6.20	6.14	6.18	6.18	0.06	12.14	12.17	12.16	2.49
2020.0	6.22	6.13	6.18	6.17	0.09	12.14	12.15	12.14	2.49
2030.0	6.23	6.11	6.18	6.17	0.12	12.13	12.13	12.13	2.49
2040.0	6.24	6.10	6.17	6.16	0.14	12.13	12.10	12.12	2.49
2050.0	6.25	6.09	6.16	6.16	0.17	12.12	12.08	12.10	2.48
2060.0	6.27	6.08	6.15	6.17	0.18	12.13	12.07	12.10	2.49
2070.0	6.27	6.08	6.14	6.18	0.20	12.14	12.06	12.10	2.48
2080.0	6.28	6.07	6.13	6.18	0.22	12.16	12.07	12.12	2.49
2090.0	6.29	6.05	6.11	6.18	0.24	12.20	12.08	12.15	2.50
2100.0	6.30	6.04	6.10	6.17	0.26	12.22	12.09	12.16	2.52
2110.0	6.31	6.02	6.10	6.17	0.29	12.24	12.08	12.17	2.53
2120.0	6.33	6.01	6.09	6.18	0.32	12.25	12.07	12.17	2.55
2130.0	6.35	6.01	6.09	6.19	0.34	12.25	12.05	12.17	2.58
2140.0	6.37	6.01	6.09	6.20	0.37	12.25	12.04	12.17	2.64
2150.0	6.39	6.00	6.09	6.20	0.39	12.27	12.04	12.17	2.66

FREQ. (MHz)	VSWR (:1)				
	S	1	2	3	4
1750.0	1.25	6.55	6.54	6.86	6.47
1760.0	1.23	6.51	6.54	6.81	6.55
1770.0	1.22	6.46	6.53	6.76	6.61
1780.0	1.20	6.42	6.50	6.72	6.64
1790.0	1.19	6.42	6.47	6.71	6.63
1800.0	1.17	6.44	6.43	6.73	6.59
1810.0	1.16	6.49	6.40	6.79	6.52
1820.0	1.15	6.54	6.37	6.84	6.45
1830.0	1.13	6.57	6.36	6.87	6.39
1840.0	1.12	6.57	6.35	6.86	6.34
1850.0	1.11	6.52	6.36	6.81	6.32
1860.0	1.10	6.46	6.38	6.73	6.34
1870.0	1.09	6.41	6.42	6.66	6.37
1880.0	1.07	6.38	6.48	6.61	6.42
1890.0	1.06	6.37	6.53	6.59	6.46
1900.0	1.06	6.39	6.59	6.59	6.49
1910.0	1.05	6.42	6.64	6.61	6.48
1920.0	1.04	6.45	6.68	6.63	6.47
1930.0	1.04	6.47	6.74	6.64	6.47
1940.0	1.04	6.46	6.79	6.62	6.47
1950.0	1.04	6.44	6.84	6.58	6.51
1960.0	1.04	6.39	6.88	6.50	6.59
1970.0	1.05	6.33	6.89	6.41	6.67
1980.0	1.06	6.28	6.84	6.33	6.74
1990.0	1.06	6.26	6.76	6.27	6.79
2000.0	1.07	6.26	6.65	6.25	6.80
2010.0	1.08	6.29	6.52	6.26	6.76
2020.0	1.09	6.34	6.38	6.29	6.68
2030.0	1.10	6.38	6.25	6.31	6.57
2040.0	1.11	6.38	6.13	6.30	6.45
2050.0	1.12	6.36	6.04	6.25	6.34
2060.0	1.12	6.32	5.98	6.19	6.26
2070.0	1.13	6.28	5.95	6.12	6.23
2080.0	1.14	6.28	5.96	6.08	6.26
2090.0	1.15	6.30	5.98	6.06	6.31
2100.0	1.16	6.36	6.01	6.08	6.37
2110.0	1.17	6.44	6.04	6.12	6.42
2120.0	1.18	6.51	6.06	6.16	6.44
2130.0	1.19	6.57	6.08	6.20	6.42
2140.0	1.20	6.60	6.10	6.21	6.39
2150.0	1.21	6.60	6.13	6.20	6.35

[1]Total Loss = Insertion Loss + 6dB Splitter Loss

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