

2 Way-0° Power Splitter/Combiner

RACK-2-ED11006A/2

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	J1-J2	J1-J3					J1	J2	J3
800.0	3.49	3.40	0.09	9.14	0.41	800.0	1.68	1.25	1.21
900.0	3.42	3.33	0.09	10.05	0.39	900.0	1.61	1.20	1.16
1000.0	3.40	3.31	0.09	11.09	0.42	1000.0	1.53	1.17	1.14
1100.0	3.40	3.31	0.09	12.22	0.35	1100.0	1.45	1.16	1.14
1200.0	3.37	3.28	0.09	13.44	0.38	1200.0	1.35	1.17	1.14
1300.0	3.36	3.28	0.08	14.83	0.31	1300.0	1.28	1.16	1.14
1400.0	3.36	3.29	0.07	16.44	0.33	1400.0	1.19	1.17	1.14
1500.0	3.30	3.23	0.07	18.26	0.36	1500.0	1.15	1.16	1.13
1600.0	3.27	3.22	0.05	20.45	0.48	1600.0	1.09	1.16	1.13
1700.0	3.27	3.22	0.05	23.05	0.49	1700.0	1.05	1.15	1.11
1800.0	3.26	3.20	0.05	25.77	0.53	1800.0	1.03	1.12	1.09
1840.0	3.28	3.23	0.05	26.67	0.64	1840.0	1.05	1.10	1.08
1845.0	3.29	3.24	0.05	26.75	0.65	1845.0	1.05	1.10	1.07
1850.0	3.29	3.24	0.05	26.86	0.66	1850.0	1.05	1.10	1.07
1855.0	3.29	3.24	0.05	26.95	0.67	1855.0	1.06	1.10	1.07
1860.0	3.30	3.24	0.05	27.01	0.60	1860.0	1.06	1.10	1.07
1865.0	3.30	3.24	0.06	27.06	0.62	1865.0	1.06	1.09	1.07
1870.0	3.29	3.23	0.05	27.11	0.61	1870.0	1.06	1.09	1.07
1885.0	3.27	3.23	0.04	27.24	0.59	1885.0	1.06	1.09	1.07
1900.0	3.28	3.23	0.04	27.31	0.64	1900.0	1.07	1.09	1.07
1915.0	3.30	3.25	0.04	27.35	0.72	1915.0	1.07	1.08	1.07
1930.0	3.31	3.26	0.05	27.29	0.73	1930.0	1.08	1.08	1.07
1940.0	3.31	3.26	0.05	27.22	0.68	1940.0	1.09	1.08	1.07
1950.0	3.31	3.26	0.05	27.10	0.70	1950.0	1.10	1.08	1.06
1960.0	3.31	3.25	0.05	26.98	0.69	1960.0	1.11	1.07	1.06
1970.0	3.31	3.26	0.05	26.86	0.69	1970.0	1.12	1.07	1.06
1980.0	3.31	3.26	0.05	26.68	0.70	1980.0	1.13	1.06	1.06
1990.0	3.31	3.27	0.05	26.50	0.74	1990.0	1.14	1.06	1.06
2050.0	3.34	3.29	0.05	25.30	0.82	2050.0	1.16	1.04	1.06
2100.0	3.35	3.31	0.04	24.19	0.75	2100.0	1.20	1.03	1.07
2150.0	3.35	3.28	0.07	23.11	0.87	2150.0	1.22	1.03	1.07
2200.0	3.40	3.35	0.04	22.23	0.88	2200.0	1.25	1.03	1.08
2250.0	3.37	3.28	0.09	21.29	0.96	2250.0	1.25	1.04	1.08
2300.0	3.39	3.34	0.06	20.59	1.01	2300.0	1.28	1.06	1.09
2350.0	3.43	3.35	0.08	19.92	0.86	2350.0	1.31	1.08	1.10
2400.0	3.41	3.33	0.08	19.32	0.91	2400.0	1.31	1.09	1.10
2450.0	3.45	3.35	0.09	18.82	0.90	2450.0	1.32	1.10	1.11
2500.0	3.46	3.37	0.09	18.33	0.88	2500.0	1.34	1.12	1.12
2600.0	3.51	3.41	0.10	17.55	0.84	2600.0	1.42	1.19	1.16
2650.0	3.50	3.42	0.08	17.19	0.76	2650.0	1.44	1.23	1.20

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



REV. X2

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