

3 Way-0° Power Splitter/Combiner

RACK-3-ED11026A

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR			
	S-1	S-2	S-3		1-2	1-3	2-3			S	1	2	3
1300.0	5.31	5.34	5.93	0.63	19.96	16.41	17.76	2.56	1300.0	1.96	1.28	1.13	1.75
1350.0	5.24	5.27	5.85	0.61	20.94	16.87	18.48	2.17	1350.0	1.86	1.26	1.11	1.70
1400.0	5.17	5.21	5.74	0.58	22.05	17.35	19.26	1.81	1400.0	1.76	1.24	1.09	1.64
1450.0	5.10	5.16	5.64	0.54	23.37	17.87	20.12	1.78	1450.0	1.66	1.22	1.06	1.57
1500.0	5.05	5.13	5.55	0.50	25.00	18.44	21.04	1.79	1500.0	1.56	1.19	1.03	1.50
1550.0	4.99	5.09	5.45	0.46	26.96	19.02	22.09	1.90	1550.0	1.46	1.16	1.01	1.43
1600.0	4.95	5.06	5.37	0.42	29.13	19.68	23.35	2.04	1600.0	1.37	1.13	1.02	1.36
1650.0	4.93	5.04	5.32	0.39	31.52	20.46	24.84	2.11	1650.0	1.28	1.11	1.04	1.29
1700.0	4.92	5.03	5.27	0.35	33.26	21.34	26.59	2.19	1700.0	1.22	1.09	1.05	1.23
1750.0	4.92	5.03	5.23	0.31	32.70	22.36	28.62	2.27	1750.0	1.16	1.07	1.07	1.18
1800.0	4.92	5.03	5.20	0.28	30.40	23.52	30.72	2.37	1800.0	1.11	1.06	1.07	1.14
1850.0	4.93	5.04	5.18	0.25	27.97	24.88	32.10	2.45	1850.0	1.06	1.06	1.07	1.11
1900.0	4.94	5.05	5.16	0.22	25.86	26.50	31.56	2.54	1900.0	1.03	1.06	1.06	1.09
1930.0	4.96	5.07	5.16	0.20	24.77	27.64	30.48	2.59	1930.0	1.02	1.06	1.05	1.08
1935.0	4.97	5.07	5.16	0.20	24.59	27.85	30.27	2.59	1935.0	1.02	1.06	1.05	1.08
1940.0	4.97	5.07	5.16	0.19	24.43	28.05	30.06	2.59	1940.0	1.03	1.06	1.04	1.07
1945.0	4.97	5.07	5.16	0.19	24.26	28.27	29.83	2.60	1945.0	1.03	1.06	1.04	1.07
1950.0	4.97	5.07	5.16	0.19	24.09	28.48	29.62	2.61	1950.0	1.03	1.06	1.04	1.07
1955.0	4.97	5.07	5.16	0.19	23.93	28.71	29.39	2.61	1955.0	1.04	1.06	1.04	1.07
1960.0	4.97	5.07	5.15	0.18	23.77	28.93	29.17	2.62	1960.0	1.04	1.06	1.04	1.07
1965.0	4.97	5.07	5.15	0.18	23.62	29.17	28.94	2.62	1965.0	1.05	1.06	1.03	1.07
1970.0	4.97	5.07	5.15	0.18	23.46	29.40	28.72	2.63	1970.0	1.05	1.06	1.03	1.06
1975.0	4.97	5.07	5.15	0.17	23.31	29.64	28.50	2.64	1975.0	1.06	1.06	1.03	1.06
1980.0	4.98	5.07	5.15	0.17	23.16	29.90	28.27	2.64	1980.0	1.06	1.06	1.03	1.06
1985.0	4.98	5.08	5.15	0.17	23.01	30.15	28.06	2.65	1985.0	1.07	1.06	1.03	1.06
1990.0	4.98	5.08	5.15	0.16	22.87	30.41	27.84	2.66	1990.0	1.07	1.06	1.02	1.06
2050.0	5.02	5.12	5.15	0.13	21.31	34.03	25.43	2.72	2050.0	1.13	1.06	1.01	1.04
2100.0	5.06	5.15	5.16	0.10	20.22	36.92	23.71	2.81	2100.0	1.20	1.07	1.03	1.04
2150.0	5.16	5.23	5.19	0.07	19.38	36.14	22.15	3.04	2150.0	1.28	1.08	1.06	1.04
2200.0	5.35	5.31	5.19	0.16	18.77	31.64	20.70	2.95	2200.0	1.37	1.11	1.10	1.06
2250.0	5.38	5.35	5.19	0.18	17.83	28.87	19.65	2.28	2250.0	1.45	1.09	1.15	1.08
2300.0	5.38	5.39	5.25	0.14	16.90	26.99	18.70	2.12	2300.0	1.53	1.06	1.18	1.10
2350.0	5.41	5.47	5.31	0.16	16.15	25.26	17.85	2.07	2350.0	1.61	1.04	1.22	1.14
2400.0	5.46	5.56	5.37	0.19	15.50	23.74	17.07	2.02	2400.0	1.69	1.03	1.26	1.17
2450.0	5.48	5.65	5.41	0.23	14.91	22.38	16.36	1.98	2450.0	1.77	1.02	1.30	1.20
2500.0	5.52	5.73	5.46	0.27	14.39	21.17	15.73	1.92	2500.0	1.82	1.03	1.33	1.23
2550.0	5.53	5.81	5.49	0.32	13.91	20.05	15.15	1.87	2550.0	1.87	1.03	1.36	1.26
2600.0	5.53	5.87	5.50	0.37	13.49	19.02	14.62	1.78	2600.0	1.89	1.04	1.38	1.28
2650.0	5.53	5.93	5.49	0.44	13.11	18.07	14.11	1.75	2650.0	1.91	1.06	1.40	1.30
2700.0	5.54	5.99	5.49	0.51	12.73	17.23	13.59	2.05	2700.0	1.93	1.08	1.41	1.31
2750.0	5.55	6.05	5.48	0.58	12.29	16.51	13.07	2.35	2750.0	1.97	1.11	1.40	1.31

¹ Total Loss = Insertion Loss+ 4.8dB Splitter Loss

REV. X2

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