

4 Way-0° Power Splitter/Combiner

RACK-4-ED12629/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)				AMP. UNBAL. (dB)	ISOLATION (dB)			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)				
	S-1	S-2	S-3	S-4		1-2	2-3	3-4			S	1	2	3	4
680.0	6.26	6.25	6.23	6.25	0.03	16.07	21.16	16.19	0.94	680.0	1.13	1.07	1.10	1.10	1.06
690.0	6.26	6.25	6.24	6.26	0.02	16.45	21.44	16.57	0.95	690.0	1.14	1.07	1.10	1.10	1.06
700.0	6.27	6.26	6.24	6.26	0.02	16.85	21.73	16.97	0.97	700.0	1.14	1.07	1.10	1.10	1.06
710.0	6.27	6.26	6.25	6.27	0.02	17.26	22.02	17.39	0.98	710.0	1.15	1.07	1.10	1.10	1.06
720.0	6.27	6.27	6.25	6.27	0.02	17.68	22.33	17.82	0.99	720.0	1.15	1.07	1.10	1.10	1.06
730.0	6.28	6.27	6.26	6.28	0.02	18.12	22.66	18.27	1.00	730.0	1.16	1.07	1.10	1.10	1.06
740.0	6.28	6.27	6.26	6.28	0.02	18.58	22.99	18.74	1.01	740.0	1.16	1.07	1.09	1.10	1.07
750.0	6.27	6.27	6.26	6.28	0.02	19.07	23.35	19.24	1.02	750.0	1.16	1.07	1.09	1.10	1.07
760.0	6.28	6.27	6.27	6.28	0.01	19.58	23.72	19.76	1.03	760.0	1.16	1.07	1.09	1.09	1.07
770.0	6.27	6.27	6.27	6.28	0.01	20.12	24.11	20.31	1.03	770.0	1.15	1.07	1.09	1.09	1.07
780.0	6.27	6.27	6.27	6.28	0.01	20.69	24.52	20.90	1.04	780.0	1.15	1.07	1.09	1.09	1.07
790.0	6.28	6.28	6.28	6.29	0.01	21.29	24.94	21.52	1.05	790.0	1.14	1.06	1.09	1.09	1.07
800.0	6.27	6.28	6.28	6.29	0.01	21.93	25.38	22.19	1.05	800.0	1.13	1.06	1.09	1.09	1.07
810.0	6.27	6.28	6.28	6.28	0.01	22.60	25.85	22.89	1.06	810.0	1.12	1.06	1.09	1.09	1.07
820.0	6.27	6.27	6.28	6.28	0.01	23.31	26.34	23.63	1.06	820.0	1.11	1.06	1.09	1.09	1.07
830.0	6.27	6.27	6.28	6.28	0.01	24.05	26.87	24.42	1.06	830.0	1.10	1.06	1.09	1.09	1.08
840.0	6.26	6.27	6.28	6.28	0.02	24.82	27.43	25.24	1.06	840.0	1.09	1.06	1.09	1.08	1.08
850.0	6.26	6.27	6.28	6.28	0.02	25.62	28.03	26.09	1.06	850.0	1.07	1.06	1.09	1.08	1.08
860.0	6.26	6.27	6.28	6.28	0.02	26.41	28.67	26.95	1.06	860.0	1.06	1.06	1.09	1.08	1.08
870.0	6.26	6.27	6.28	6.28	0.03	27.16	29.35	27.77	1.06	870.0	1.05	1.06	1.09	1.08	1.09
880.0	6.25	6.27	6.29	6.28	0.03	27.79	30.07	28.47	1.06	880.0	1.04	1.06	1.09	1.08	1.09
890.0	6.25	6.27	6.29	6.28	0.04	28.25	30.85	28.95	1.05	890.0	1.04	1.06	1.09	1.08	1.09
900.0	6.25	6.27	6.29	6.28	0.04	28.42	31.67	29.13	1.06	900.0	1.05	1.06	1.09	1.08	1.09
910.0	6.25	6.28	6.30	6.28	0.04	28.30	32.57	28.94	1.05	910.0	1.07	1.06	1.09	1.08	1.10
920.0	6.26	6.28	6.30	6.28	0.05	27.90	33.51	28.45	1.05	920.0	1.09	1.06	1.09	1.08	1.10
930.0	6.26	6.28	6.31	6.28	0.05	27.28	34.51	27.73	1.05	930.0	1.11	1.07	1.09	1.08	1.10
940.0	6.26	6.29	6.32	6.29	0.06	26.53	35.57	26.89	1.04	940.0	1.14	1.07	1.09	1.09	1.11
950.0	6.27	6.30	6.33	6.30	0.06	25.72	36.60	26.01	1.04	950.0	1.17	1.07	1.10	1.09	1.11
960.0	6.28	6.31	6.34	6.31	0.06	24.90	37.51	25.13	1.03	960.0	1.20	1.08	1.10	1.10	1.12
970.0	6.29	6.33	6.36	6.32	0.07	24.10	38.19	24.28	1.03	970.0	1.23	1.09	1.10	1.10	1.13
980.0	6.30	6.34	6.38	6.33	0.07	23.33	38.45	23.48	1.03	980.0	1.27	1.10	1.11	1.11	1.13
990.0	6.32	6.36	6.40	6.34	0.08	22.60	38.25	22.73	1.02	990.0	1.30	1.10	1.11	1.12	1.14
1000.0	6.34	6.38	6.42	6.36	0.08	21.91	37.66	22.03	1.04	1000.0	1.34	1.11	1.12	1.12	1.15
1010.0	6.36	6.40	6.44	6.38	0.08	21.28	36.83	21.37	1.03	1010.0	1.38	1.12	1.13	1.13	1.15
1020.0	6.38	6.43	6.47	6.40	0.09	20.68	35.87	20.77	1.02	1020.0	1.43	1.13	1.14	1.14	1.16
1030.0	6.40	6.46	6.50	6.43	0.09	20.12	34.90	20.20	1.03	1030.0	1.47	1.14	1.15	1.15	1.17
1040.0	6.43	6.49	6.53	6.46	0.10	19.60	33.94	19.67	1.03	1040.0	1.52	1.16	1.16	1.17	1.18
1050.0	6.46	6.52	6.56	6.49	0.10	19.11	33.05	19.18	1.05	1050.0	1.57	1.17	1.17	1.18	1.19
1060.0	6.50	6.56	6.60	6.52	0.11	18.66	32.21	18.72	1.05	1060.0	1.62	1.18	1.18	1.19	1.20
1070.0	6.53	6.60	6.64	6.55	0.11	18.23	31.43	18.30	1.06	1070.0	1.67	1.20	1.20	1.21	1.21
1080.0	6.57	6.64	6.68	6.59	0.12	17.84	30.72	17.90	1.05	1080.0	1.72	1.21	1.21	1.22	1.22

¹Total Loss = Insertion Loss + 6dB Splitter Loss