

4 Way-0° Power Splitter/Combiner

RACK-4-ED12633/1

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
700.0	6.34	6.16	6.20	6.25	0.18	12.05	11.85	11.99	1.96	700.0	1.58	7.30	6.61	6.90	6.83
715.0	6.31	6.14	6.18	6.23	0.16	12.06	11.88	12.00	1.98	715.0	1.52	7.22	6.58	6.86	6.79
730.0	6.28	6.13	6.17	6.20	0.15	12.07	11.91	12.02	2.04	730.0	1.47	7.14	6.55	6.82	6.76
745.0	6.25	6.12	6.15	6.18	0.13	12.09	11.94	12.04	2.13	745.0	1.41	7.08	6.54	6.78	6.74
760.0	6.22	6.11	6.15	6.16	0.11	12.10	11.98	12.06	2.10	760.0	1.36	7.03	6.52	6.75	6.70
775.0	6.21	6.11	6.14	6.15	0.10	12.12	12.01	12.08	2.18	775.0	1.30	6.93	6.48	6.71	6.63
790.0	6.19	6.11	6.14	6.14	0.08	12.13	12.04	12.09	2.24	790.0	1.25	6.85	6.45	6.68	6.55
805.0	6.18	6.11	6.15	6.13	0.07	12.14	12.06	12.10	2.26	805.0	1.20	6.78	6.43	6.67	6.49
820.0	6.17	6.12	6.15	6.12	0.05	12.14	12.09	12.11	2.27	820.0	1.16	6.73	6.44	6.66	6.48
835.0	6.16	6.13	6.16	6.12	0.04	12.13	12.10	12.11	2.28	835.0	1.11	6.65	6.47	6.62	6.48
850.0	6.14	6.14	6.16	6.12	0.04	12.12	12.11	12.10	2.32	850.0	1.07	6.55	6.50	6.54	6.48
852.5	6.14	6.14	6.16	6.12	0.04	12.11	12.11	12.10	2.33	852.5	1.06	6.52	6.51	6.53	6.48
855.0	6.14	6.14	6.16	6.12	0.04	12.11	12.11	12.09	2.33	855.0	1.06	6.51	6.51	6.52	6.48
857.5	6.14	6.15	6.16	6.12	0.04	12.11	12.10	12.09	2.35	857.5	1.05	6.50	6.51	6.50	6.48
860.0	6.14	6.15	6.16	6.12	0.04	12.10	12.11	12.09	2.36	860.0	1.04	6.49	6.51	6.49	6.47
862.5	6.13	6.15	6.16	6.12	0.04	12.10	12.11	12.09	2.37	862.5	1.04	6.47	6.51	6.47	6.47
865.0	6.13	6.15	6.16	6.12	0.04	12.10	12.11	12.09	2.37	865.0	1.03	6.44	6.51	6.46	6.46
867.5	6.13	6.16	6.16	6.12	0.04	12.10	12.11	12.09	2.39	867.5	1.02	6.42	6.51	6.44	6.46
870.0	6.13	6.16	6.17	6.12	0.04	12.10	12.11	12.09	2.40	870.0	1.02	6.41	6.51	6.43	6.45
872.5	6.13	6.16	6.17	6.12	0.04	12.09	12.12	12.08	2.42	872.5	1.01	6.40	6.51	6.42	6.44
875.0	6.13	6.16	6.17	6.12	0.05	12.09	12.12	12.09	2.43	875.0	1.01	6.38	6.51	6.41	6.43
877.5	6.13	6.17	6.17	6.13	0.05	12.09	12.12	12.09	2.45	877.5	1.01	6.36	6.51	6.41	6.43
880.0	6.13	6.17	6.18	6.13	0.05	12.09	12.12	12.08	2.47	880.0	1.02	6.34	6.50	6.39	6.42
882.5	6.13	6.17	6.18	6.13	0.05	12.09	12.13	12.08	2.49	882.5	1.02	6.33	6.49	6.39	6.41
885.0	6.13	6.17	6.18	6.13	0.06	12.09	12.13	12.08	2.51	885.0	1.03	6.31	6.49	6.37	6.40
887.5	6.13	6.18	6.18	6.13	0.06	12.08	12.13	12.08	2.52	887.5	1.04	6.30	6.48	6.36	6.38
890.0	6.13	6.18	6.19	6.13	0.06	12.08	12.13	12.08	2.54	890.0	1.04	6.28	6.48	6.36	6.37
892.5	6.13	6.18	6.19	6.13	0.06	12.08	12.13	12.08	2.57	892.5	1.05	6.28	6.47	6.36	6.36
895.0	6.13	6.18	6.19	6.13	0.06	12.08	12.14	12.08	2.59	895.0	1.06	6.29	6.47	6.37	6.35
897.5	6.13	6.19	6.20	6.13	0.07	12.08	12.14	12.08	2.60	897.5	1.06	6.29	6.46	6.37	6.34
900.0	6.13	6.19	6.20	6.13	0.07	12.08	12.14	12.08	2.62	900.0	1.07	6.29	6.46	6.37	6.33
910.0	6.13	6.20	6.21	6.14	0.08	12.07	12.15	12.07	2.68	910.0	1.10	6.27	6.44	6.38	6.30
920.0	6.14	6.21	6.23	6.14	0.09	12.06	12.15	12.07	2.71	920.0	1.13	6.26	6.43	6.41	6.28
930.0	6.14	6.23	6.24	6.15	0.10	12.05	12.16	12.06	2.71	930.0	1.16	6.28	6.43	6.44	6.28
940.0	6.14	6.24	6.25	6.15	0.11	12.04	12.17	12.06	2.68	940.0	1.19	6.29	6.45	6.46	6.29
950.0	6.15	6.26	6.27	6.16	0.12	12.03	12.17	12.06	2.64	950.0	1.22	6.28	6.47	6.47	6.30
960.0	6.15	6.28	6.28	6.17	0.13	12.02	12.18	12.05	2.62	960.0	1.25	6.26	6.49	6.47	6.30
970.0	6.15	6.29	6.29	6.18	0.14	12.01	12.19	12.05	2.61	970.0	1.28	6.25	6.49	6.47	6.28
980.0	6.15	6.31	6.31	6.19	0.16	12.00	12.19	12.04	2.63	980.0	1.32	6.24	6.49	6.48	6.25
990.0	6.16	6.33	6.32	6.21	0.18	12.00	12.20	12.04	2.71	990.0	1.35	6.25	6.48	6.51	6.21
1000.0	6.16	6.35	6.34	6.22	0.19	11.99	12.21	12.04	2.81	1000.0	1.39	6.27	6.46	6.55	6.17

¹Total Loss = Insertion Loss + 6dB Splitter Loss