

3 WAY-0° Power Splitter/Combiner RACK-3-ED12824/1

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		1-2	1-3	2-3			S	1	2	3
400.0	5.46	5.41	5.33	0.13	8.82	8.85	8.72	0.93	400.0	2.02	4.90	4.80	4.75
420.0	5.41	5.36	5.28	0.14	8.94	8.97	8.85	0.93	420.0	1.95	4.95	4.86	4.79
440.0	5.37	5.31	5.23	0.14	9.05	9.08	8.95	0.90	440.0	1.88	5.00	4.90	4.83
460.0	5.32	5.26	5.18	0.14	9.15	9.18	9.05	0.92	460.0	1.81	5.03	4.93	4.87
480.0	5.28	5.22	5.14	0.14	9.24	9.27	9.15	0.98	480.0	1.74	5.06	4.96	4.89
500.0	5.23	5.17	5.09	0.14	9.34	9.36	9.24	1.00	500.0	1.67	5.08	4.97	4.91
520.0	5.18	5.13	5.05	0.14	9.42	9.44	9.32	0.97	520.0	1.60	5.10	4.99	4.92
540.0	5.14	5.08	5.01	0.13	9.49	9.51	9.39	1.00	540.0	1.53	5.11	5.00	4.93
560.0	5.11	5.05	4.97	0.13	9.56	9.58	9.46	1.03	560.0	1.47	5.11	5.00	4.93
580.0	5.08	5.02	4.95	0.13	9.62	9.63	9.52	1.03	580.0	1.40	5.12	5.01	4.94
600.0	5.05	4.98	4.92	0.13	9.68	9.68	9.57	1.05	600.0	1.34	5.12	5.01	4.95
620.0	5.02	4.95	4.89	0.13	9.73	9.73	9.62	1.11	620.0	1.28	5.12	5.01	4.94
640.0	5.00	4.93	4.87	0.12	9.78	9.78	9.67	1.11	640.0	1.23	5.11	5.01	4.94
660.0	4.98	4.91	4.86	0.12	9.82	9.81	9.72	1.06	660.0	1.17	5.11	5.01	4.94
680.0	4.97	4.90	4.85	0.12	9.85	9.84	9.75	1.10	680.0	1.12	5.12	5.01	4.95
700.0	4.96	4.89	4.85	0.11	9.89	9.87	9.78	1.15	700.0	1.08	5.12	5.01	4.96
720.0	4.95	4.88	4.84	0.11	9.91	9.88	9.80	1.15	720.0	1.05	5.13	5.01	4.97
730.0	4.95	4.88	4.84	0.11	9.92	9.89	9.81	1.14	730.0	1.05	5.13	5.01	4.97
740.0	4.96	4.88	4.85	0.11	9.93	9.90	9.83	1.16	740.0	1.06	5.13	5.01	4.97
750.0	4.96	4.88	4.85	0.11	9.94	9.91	9.84	1.18	750.0	1.07	5.13	5.01	4.97
760.0	4.96	4.88	4.86	0.11	9.96	9.92	9.85	1.20	760.0	1.09	5.13	5.01	4.97
770.0	4.97	4.88	4.87	0.10	9.97	9.92	9.85	1.20	770.0	1.11	5.13	5.01	4.98
780.0	4.97	4.89	4.87	0.10	9.97	9.92	9.86	1.23	780.0	1.14	5.14	5.01	4.99
800.0	4.99	4.90	4.89	0.10	9.97	9.92	9.86	1.29	800.0	1.19	5.15	5.02	5.00
820.0	5.01	4.91	4.91	0.10	9.97	9.91	9.86	1.30	820.0	1.24	5.16	5.03	5.01
840.0	5.03	4.93	4.94	0.10	9.97	9.90	9.85	1.36	840.0	1.29	5.16	5.02	5.01
860.0	5.06	4.95	4.96	0.11	9.96	9.88	9.84	1.40	860.0	1.35	5.16	5.03	5.02
880.0	5.09	4.97	5.00	0.12	9.95	9.86	9.83	1.44	880.0	1.40	5.17	5.03	5.03
900.0	5.12	5.00	5.03	0.13	9.93	9.83	9.80	1.52	900.0	1.46	5.18	5.03	5.04
920.0	5.15	5.02	5.07	0.13	9.90	9.78	9.76	1.61	920.0	1.52	5.19	5.03	5.05
940.0	5.19	5.05	5.10	0.14	9.86	9.74	9.72	1.67	940.0	1.58	5.18	5.02	5.04
960.0	5.22	5.08	5.14	0.15	9.82	9.69	9.68	1.71	960.0	1.63	5.17	5.00	5.03
980.0	5.27	5.11	5.19	0.16	9.78	9.63	9.63	1.80	980.0	1.69	5.16	4.99	5.02
1000.0	5.32	5.14	5.23	0.17	9.72	9.56	9.56	1.90	1000.0	1.75	5.15	4.97	5.01
1020.0	5.36	5.18	5.28	0.18	9.65	9.48	9.49	1.99	1020.0	1.80	5.12	4.94	4.98
1040.0	5.41	5.21	5.32	0.19	9.58	9.39	9.41	2.11	1040.0	1.86	5.08	4.90	4.94
1060.0	5.45	5.24	5.36	0.21	9.50	9.30	9.32	2.22	1060.0	1.91	5.03	4.85	4.89
1080.0	5.49	5.28	5.40	0.22	9.41	9.20	9.22	2.35	1080.0	1.96	4.99	4.80	4.84
1100.0	5.54	5.31	5.45	0.23	9.31	9.08	9.11	2.50	1100.0	2.01	4.95	4.75	4.79

¹ Total Loss = Insertion Loss + 4.8dB Splitter Loss