

3 WAY-0° Power Splitter/Combiner RACK-3-ED12825/1

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	5.62	5.58	5.41	0.20	13.99	13.59	14.18	0.55	400.0	2.19	1.16	1.21	1.17
420.0	5.57	5.54	5.36	0.21	14.56	14.06	14.70	0.52	420.0	2.12	1.14	1.18	1.15
440.0	5.52	5.47	5.32	0.20	15.16	14.52	15.37	0.45	440.0	2.05	1.12	1.15	1.12
460.0	5.46	5.41	5.27	0.19	15.73	14.97	16.08	0.39	460.0	1.99	1.11	1.13	1.10
480.0	5.39	5.36	5.21	0.17	16.30	15.43	16.61	0.42	480.0	1.91	1.10	1.11	1.09
500.0	5.35	5.31	5.18	0.17	16.99	15.93	17.15	0.63	500.0	1.84	1.09	1.10	1.08
520.0	5.31	5.26	5.15	0.16	17.82	16.56	18.19	0.61	520.0	1.77	1.09	1.09	1.07
540.0	5.26	5.21	5.11	0.15	18.73	17.26	19.38	0.52	540.0	1.70	1.09	1.08	1.07
560.0	5.19	5.17	5.07	0.13	19.62	17.89	20.05	0.61	560.0	1.63	1.09	1.07	1.07
580.0	5.16	5.12	5.04	0.11	20.54	18.51	20.83	0.78	580.0	1.56	1.10	1.07	1.07
600.0	5.12	5.08	5.02	0.10	21.74	19.31	22.43	0.78	600.0	1.49	1.10	1.07	1.07
620.0	5.08	5.04	5.00	0.08	23.32	20.35	24.43	0.74	620.0	1.42	1.10	1.07	1.07
640.0	5.04	5.02	4.99	0.06	25.19	21.47	26.02	0.80	640.0	1.35	1.11	1.07	1.08
660.0	5.02	4.99	4.97	0.04	27.34	22.63	28.06	0.90	660.0	1.29	1.11	1.08	1.08
680.0	4.99	4.96	4.97	0.02	30.33	24.03	32.26	0.89	680.0	1.23	1.11	1.08	1.08
700.0	4.96	4.95	4.97	0.02	35.20	25.80	40.30	0.94	700.0	1.17	1.11	1.08	1.09
720.0	4.94	4.94	4.98	0.04	46.04	27.92	42.50	1.01	720.0	1.12	1.11	1.09	1.09
730.0	4.94	4.93	4.98	0.05	51.31	29.23	42.23	1.03	730.0	1.10	1.11	1.09	1.09
740.0	4.93	4.93	4.98	0.06	40.95	30.88	39.22	1.02	740.0	1.08	1.11	1.09	1.10
750.0	4.91	4.92	4.99	0.07	35.78	33.16	34.32	1.06	750.0	1.07	1.11	1.09	1.10
760.0	4.91	4.92	5.00	0.09	32.42	36.55	30.45	1.10	760.0	1.08	1.11	1.10	1.10
770.0	4.91	4.93	5.02	0.11	30.00	42.29	27.86	1.12	770.0	1.09	1.10	1.10	1.11
780.0	4.92	4.94	5.05	0.13	28.23	52.13	26.29	1.12	780.0	1.12	1.10	1.10	1.11
800.0	4.92	4.96	5.08	0.16	26.00	39.35	25.19	1.17	800.0	1.17	1.10	1.11	1.12
820.0	4.90	4.97	5.10	0.19	24.38	34.75	24.11	1.20	820.0	1.24	1.10	1.12	1.13
840.0	4.90	4.99	5.15	0.24	22.48	30.26	21.68	1.35	840.0	1.31	1.10	1.12	1.15
860.0	4.97	5.06	5.25	0.29	20.59	26.36	19.91	1.44	860.0	1.39	1.10	1.13	1.16
880.0	4.99	5.11	5.31	0.33	19.36	24.18	19.07	1.44	880.0	1.47	1.11	1.14	1.17
900.0	4.97	5.14	5.35	0.37	18.69	23.18	18.46	1.54	900.0	1.56	1.11	1.15	1.18
920.0	5.00	5.20	5.44	0.44	18.00	22.29	17.61	1.80	920.0	1.65	1.11	1.16	1.20
940.0	5.10	5.31	5.60	0.50	16.95	20.75	16.55	1.94	940.0	1.75	1.12	1.17	1.21
960.0	5.15	5.40	5.69	0.55	15.94	19.35	15.75	2.05	960.0	1.85	1.12	1.18	1.22
980.0	5.16	5.44	5.76	0.60	15.30	18.46	15.27	2.28	980.0	1.95	1.12	1.19	1.23
1000.0	5.20	5.51	5.89	0.69	14.93	17.97	14.71	2.36	1000.0	2.06	1.13	1.20	1.25
1020.0	5.28	5.66	6.05	0.77	14.45	17.45	14.12	2.60	1020.0	2.16	1.13	1.21	1.26
1040.0	5.36	5.77	6.19	0.83	13.77	16.62	13.77	3.17	1040.0	2.27	1.13	1.22	1.27
1060.0	5.42	5.81	6.30	0.89	13.17	15.83	13.29	3.30	1060.0	2.37	1.13	1.22	1.28
1080.0	5.43	5.90	6.42	0.99	12.73	15.32	12.61	3.20	1080.0	2.48	1.14	1.23	1.29
1100.0	5.49	6.06	6.60	1.11	12.41	15.02	12.32	3.71	1100.0	2.58	1.14	1.23	1.30

¹ Total Loss = Insertion Loss + 4.8dB Splitter Loss