

2 Way-0° Power Splitter/Combiner

RACK-2-ED12734/1

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	1	2
400.0	3.53	3.53	0.01	10.40	0.19	400.0	1.80	1.05	1.06
420.0	3.51	3.52	0.00	10.93	0.18	420.0	1.77	1.04	1.06
440.0	3.50	3.50	0.00	11.49	0.19	440.0	1.73	1.05	1.06
460.0	3.48	3.48	0.00	12.08	0.17	460.0	1.70	1.05	1.07
480.0	3.46	3.45	0.00	12.71	0.16	480.0	1.67	1.06	1.08
500.0	3.43	3.43	0.00	13.38	0.14	500.0	1.63	1.07	1.08
520.0	3.41	3.41	0.00	14.11	0.12	520.0	1.59	1.08	1.09
540.0	3.39	3.38	0.01	14.89	0.11	540.0	1.54	1.08	1.10
560.0	3.36	3.36	0.01	15.75	0.10	560.0	1.50	1.09	1.10
580.0	3.34	3.33	0.01	16.70	0.09	580.0	1.46	1.09	1.10
600.0	3.32	3.31	0.01	17.74	0.09	600.0	1.41	1.09	1.10
620.0	3.29	3.29	0.01	18.93	0.08	620.0	1.36	1.08	1.10
640.0	3.27	3.27	0.01	20.27	0.06	640.0	1.31	1.08	1.10
660.0	3.25	3.25	0.00	21.79	0.06	660.0	1.26	1.07	1.09
680.0	3.24	3.23	0.00	23.49	0.05	680.0	1.22	1.07	1.09
700.0	3.22	3.22	0.00	25.33	0.05	700.0	1.17	1.06	1.08
720.0	3.21	3.21	0.00	27.04	0.04	720.0	1.12	1.06	1.08
730.0	3.21	3.21	0.00	27.64	0.04	730.0	1.09	1.06	1.08
740.0	3.20	3.21	0.00	27.92	0.04	740.0	1.07	1.06	1.08
750.0	3.20	3.20	0.00	27.84	0.02	750.0	1.04	1.06	1.08
760.0	3.20	3.21	0.00	27.40	0.03	760.0	1.02	1.07	1.09
770.0	3.20	3.21	0.01	26.71	0.03	770.0	1.01	1.07	1.09
780.0	3.20	3.21	0.01	25.89	0.03	780.0	1.03	1.08	1.10
800.0	3.21	3.22	0.01	24.12	0.02	800.0	1.08	1.10	1.12
820.0	3.22	3.23	0.01	22.47	0.04	820.0	1.14	1.13	1.14
840.0	3.25	3.26	0.01	21.02	0.04	840.0	1.20	1.16	1.17
860.0	3.27	3.29	0.01	19.77	0.06	860.0	1.27	1.19	1.21
880.0	3.31	3.33	0.02	18.69	0.08	880.0	1.34	1.23	1.25
900.0	3.35	3.37	0.02	17.75	0.08	900.0	1.42	1.27	1.30
920.0	3.40	3.42	0.02	16.93	0.10	920.0	1.50	1.32	1.34
940.0	3.46	3.49	0.02	16.20	0.12	940.0	1.59	1.37	1.40
960.0	3.54	3.55	0.02	15.56	0.14	960.0	1.69	1.42	1.45
980.0	3.62	3.63	0.02	14.99	0.14	980.0	1.80	1.48	1.51
1000.0	3.70	3.72	0.02	14.49	0.17	1000.0	1.91	1.54	1.58
1020.0	3.79	3.81	0.02	14.05	0.18	1020.0	2.02	1.61	1.64
1040.0	3.89	3.91	0.02	13.66	0.19	1040.0	2.14	1.67	1.71
1060.0	4.00	4.01	0.02	13.30	0.20	1060.0	2.27	1.74	1.78
1080.0	4.11	4.13	0.01	12.99	0.22	1080.0	2.41	1.82	1.85
1100.0	4.23	4.24	0.01	12.71	0.23	1100.0	2.55	1.89	1.93

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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