

2 Way-0° Power Splitter/Combiner

RACK-2-ED10607/3

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	J1-J2	J1-J3					J1	J2	J3
442.0	3.60	3.58	0.02	9.29	0.09	442.0	1.89	1.17	1.15
510.0	3.57	3.55	0.02	10.65	0.12	510.0	1.82	1.14	1.13
578.0	3.50	3.49	0.01	12.25	0.14	578.0	1.72	1.14	1.13
646.0	3.41	3.42	0.01	14.18	0.13	646.0	1.59	1.13	1.12
714.0	3.31	3.32	0.01	16.72	0.07	714.0	1.42	1.10	1.09
782.0	3.24	3.25	0.02	20.31	0.09	782.0	1.24	1.05	1.04
850.0	3.18	3.20	0.02	25.84	0.03	850.0	1.06	1.02	1.05
855.0	3.18	3.19	0.01	26.36	0.04	855.0	1.05	1.03	1.05
860.0	3.18	3.19	0.01	26.89	0.03	860.0	1.04	1.03	1.06
865.0	3.18	3.19	0.01	27.43	0.01	865.0	1.04	1.04	1.07
870.0	3.17	3.18	0.01	27.95	0.06	870.0	1.04	1.05	1.07
875.0	3.17	3.18	0.01	28.45	0.01	875.0	1.05	1.05	1.08
880.0	3.17	3.18	0.01	28.93	0.01	880.0	1.06	1.06	1.09
885.0	3.17	3.18	0.00	29.38	0.02	885.0	1.07	1.07	1.10
890.0	3.16	3.18	0.01	29.71	0.09	890.0	1.08	1.08	1.11
895.0	3.17	3.18	0.01	29.96	0.07	895.0	1.09	1.08	1.11
900.0	3.18	3.19	0.01	30.15	0.09	900.0	1.11	1.09	1.12
920.0	3.22	3.25	0.02	29.55	0.03	920.0	1.17	1.12	1.15
940.0	3.26	3.28	0.02	27.76	0.05	940.0	1.24	1.16	1.19
960.0	3.26	3.27	0.01	25.71	0.04	960.0	1.31	1.20	1.23
980.0	3.25	3.26	0.01	23.84	0.04	980.0	1.39	1.24	1.27
1000.0	3.33	3.35	0.02	22.32	0.05	1000.0	1.48	1.28	1.32
1020.0	3.47	3.49	0.02	21.09	0.00	1020.0	1.57	1.33	1.37
1040.0	3.53	3.55	0.02	19.95	0.10	1040.0	1.67	1.38	1.42
1060.0	3.50	3.52	0.01	18.86	0.14	1060.0	1.78	1.42	1.47
1080.0	3.58	3.59	0.01	17.99	0.06	1080.0	1.89	1.47	1.52
1100.0	3.76	3.78	0.02	17.33	0.05	1100.0	2.01	1.52	1.57
1120.0	3.90	3.92	0.02	16.71	0.07	1120.0	2.13	1.57	1.62
1140.0	3.95	3.97	0.02	16.06	0.12	1140.0	2.27	1.63	1.67
1160.0	4.00	4.01	0.01	15.47	0.17	1160.0	2.40	1.68	1.72
1180.0	4.09	4.10	0.00	14.98	0.13	1180.0	2.53	1.72	1.76
1200.0	4.22	4.23	0.01	14.56	0.13	1200.0	2.67	1.77	1.81

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2

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