

2 Way-0° Power Splitter/Combiner

RACK-2-ED10607A/2

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) J2-J3	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	J1-J2	J1-J3					J1	J2	J3
550.0	3.39	3.37	0.02	12.17	0.02	550.0	1.59	1.03	1.04
580.0	3.36	3.34	0.02	12.94	0.10	580.0	1.54	1.02	1.03
610.0	3.32	3.31	0.02	13.78	0.15	610.0	1.49	1.02	1.02
640.0	3.30	3.28	0.02	14.70	0.13	640.0	1.43	1.02	1.01
670.0	3.27	3.25	0.01	15.72	0.13	670.0	1.38	1.03	1.00
700.0	3.23	3.22	0.00	16.88	0.19	700.0	1.33	1.03	1.00
730.0	3.21	3.20	0.01	18.24	0.18	730.0	1.27	1.03	1.00
760.0	3.19	3.19	0.00	19.82	0.21	760.0	1.22	1.03	1.01
790.0	3.18	3.17	0.01	21.75	0.29	790.0	1.17	1.03	1.01
820.0	3.16	3.16	0.00	24.25	0.25	820.0	1.11	1.02	1.02
850.0	3.16	3.16	0.01	27.73	0.25	850.0	1.06	1.02	1.03
855.0	3.16	3.16	0.00	28.47	0.17	855.0	1.06	1.02	1.04
860.0	3.16	3.16	0.00	29.23	0.20	860.0	1.05	1.02	1.04
865.0	3.16	3.16	0.00	30.13	0.24	865.0	1.04	1.02	1.04
870.0	3.16	3.15	0.01	31.07	0.23	870.0	1.04	1.02	1.04
875.0	3.15	3.15	0.00	32.13	0.28	875.0	1.03	1.02	1.04
880.0	3.15	3.15	0.00	33.29	0.25	880.0	1.03	1.02	1.05
885.0	3.14	3.16	0.02	34.61	0.32	885.0	1.03	1.03	1.05
890.0	3.15	3.15	0.00	36.15	0.28	890.0	1.03	1.03	1.05
895.0	3.14	3.15	0.01	37.86	0.30	895.0	1.03	1.03	1.05
900.0	3.14	3.15	0.01	39.74	0.27	900.0	1.04	1.03	1.06
930.0	3.17	3.17	0.00	36.28	0.09	930.0	1.09	1.06	1.08
960.0	3.18	3.18	0.00	29.47	0.18	960.0	1.14	1.08	1.11
990.0	3.16	3.17	0.01	25.61	0.16	990.0	1.20	1.10	1.13
1020.0	3.24	3.23	0.02	23.00	0.04	1020.0	1.27	1.14	1.16
1050.0	3.26	3.25	0.01	21.01	0.11	1050.0	1.34	1.17	1.20
1080.0	3.30	3.28	0.02	19.44	0.00	1080.0	1.41	1.20	1.23
1110.0	3.41	3.37	0.04	18.22	0.01	1110.0	1.49	1.24	1.27
1140.0	3.47	3.43	0.04	17.16	0.05	1140.0	1.59	1.28	1.31
1170.0	3.56	3.51	0.05	16.28	0.02	1170.0	1.68	1.32	1.35
1200.0	3.69	3.61	0.08	15.54	0.11	1200.0	1.77	1.37	1.39
1230.0	3.81	3.73	0.08	14.91	0.17	1230.0	1.87	1.42	1.44
1260.0	3.86	3.77	0.09	14.30	0.33	1260.0	1.97	1.47	1.49
1290.0	4.00	3.90	0.10	13.83	0.27	1290.0	2.08	1.51	1.54
1320.0	4.16	4.04	0.12	13.45	0.50	1320.0	2.18	1.56	1.59
1350.0	4.14	4.04	0.11	12.92	0.67	1350.0	2.31	1.62	1.64
1380.0	4.40	4.27	0.13	12.72	0.54	1380.0	2.43	1.66	1.68
1410.0	4.33	4.19	0.14	12.23	1.05	1410.0	2.52	1.70	1.72
1440.0	4.36	4.23	0.12	11.85	1.09	1440.0	2.63	1.74	1.76
1500.0	4.33	4.21	0.12	11.12	1.66	1500.0	2.79	1.82	1.82

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS



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