

3 Way-0° Power Splitter/Combiner

RACK-3-ED11527/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION			PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR			
	S-1	S-2	S-3		1-2	1-3	2-3			S	1	2	3
1450.0	5.74	5.39	5.26	0.48	18.31	17.37	21.22	1.13	1450.0	1.75	1.59	1.05	1.16
1500.0	5.67	5.36	5.22	0.45	18.74	17.66	21.89	1.03	1500.0	1.69	1.53	1.06	1.13
1550.0	5.58	5.32	5.18	0.40	19.42	18.11	22.97	0.91	1550.0	1.60	1.44	1.08	1.10
1600.0	5.50	5.29	5.14	0.36	20.18	18.61	24.25	0.85	1600.0	1.52	1.35	1.10	1.09
1650.0	5.43	5.28	5.11	0.32	21.05	19.16	25.72	0.82	1650.0	1.46	1.29	1.12	1.09
1700.0	5.37	5.26	5.10	0.27	22.06	19.79	27.49	0.84	1700.0	1.41	1.23	1.14	1.11
1750.0	5.33	5.26	5.10	0.23	23.28	20.51	29.53	0.89	1750.0	1.36	1.18	1.15	1.11
1800.0	5.30	5.25	5.11	0.19	24.71	21.33	31.60	0.94	1800.0	1.32	1.13	1.16	1.12
1850.0	5.26	5.25	5.11	0.15	26.45	22.24	32.91	0.99	1850.0	1.29	1.11	1.15	1.13
1900.0	5.22	5.24	5.11	0.13	28.67	23.28	32.72	1.06	1900.0	1.25	1.09	1.11	1.12
1950.0	5.19	5.24	5.12	0.12	31.58	24.52	31.11	1.16	1950.0	1.20	1.06	1.09	1.10
2000.0	5.16	5.24	5.13	0.11	34.64	25.96	28.83	1.28	2000.0	1.15	1.04	1.06	1.09
2050.0	5.14	5.23	5.15	0.09	35.89	27.61	26.66	1.41	2050.0	1.10	1.04	1.07	1.08
2100.0	5.09	5.20	5.13	0.11	35.60	28.79	25.18	1.50	2100.0	1.07	1.04	1.07	1.07
2110.0	5.06	5.18	5.11	0.11	34.31	29.49	24.38	1.56	2110.0	1.05	1.05	1.08	1.04
2115.0	5.03	5.14	5.08	0.11	33.77	29.62	24.13	1.56	2115.0	1.04	1.05	1.09	1.03
2120.0	5.03	5.14	5.08	0.12	33.37	29.79	23.97	1.57	2120.0	1.04	1.05	1.10	1.03
2125.0	5.02	5.15	5.09	0.13	32.96	29.97	23.79	1.58	2125.0	1.04	1.05	1.11	1.03
2130.0	5.02	5.15	5.09	0.13	32.54	30.18	23.63	1.59	2130.0	1.04	1.05	1.12	1.04
2135.0	5.02	5.15	5.09	0.13	32.12	30.39	23.46	1.62	2135.0	1.04	1.05	1.12	1.05
2140.0	5.02	5.15	5.10	0.13	31.74	30.55	23.31	1.63	2140.0	1.04	1.06	1.13	1.05
2145.0	5.02	5.15	5.10	0.13	31.38	30.70	23.17	1.67	2145.0	1.04	1.06	1.13	1.06
2150.0	5.01	5.15	5.10	0.14	31.05	30.82	23.03	1.68	2150.0	1.04	1.06	1.14	1.07
2155.0	5.01	5.15	5.10	0.14	30.69	30.97	22.88	1.71	2155.0	1.05	1.06	1.14	1.08
2160.0	5.01	5.15	5.10	0.15	30.35	31.13	22.73	1.73	2160.0	1.05	1.06	1.14	1.09
2165.0	5.01	5.15	5.10	0.14	30.00	31.31	22.59	1.73	2165.0	1.06	1.06	1.14	1.09
2170.0	5.04	5.19	5.14	0.15	29.19	31.70	22.23	1.79	2170.0	1.07	1.06	1.13	1.10
2200.0	5.07	5.22	5.19	0.15	27.70	31.85	21.54	1.90	2200.0	1.11	1.06	1.13	1.10
2250.0	5.11	5.28	5.25	0.17	25.71	31.38	20.53	2.09	2250.0	1.16	1.08	1.14	1.11
2300.0	5.13	5.30	5.30	0.18	23.76	29.96	19.46	2.34	2300.0	1.23	1.11	1.16	1.13
2350.0	5.15	5.34	5.34	0.19	22.14	28.07	18.48	2.59	2350.0	1.29	1.16	1.19	1.16
2400.0	5.18	5.38	5.38	0.21	20.76	26.13	17.61	2.82	2400.0	1.35	1.18	1.21	1.18
2450.0	5.21	5.43	5.43	0.22	19.57	24.42	16.81	3.14	2450.0	1.41	1.20	1.21	1.19
2500.0	5.25	5.48	5.47	0.23	18.52	22.91	16.09	3.45	2500.0	1.46	1.25	1.25	1.19
2550.0	5.28	5.53	5.51	0.25	17.59	21.59	15.42	3.72	2550.0	1.50	1.31	1.29	1.22
2600.0	5.30	5.58	5.55	0.28	16.73	20.40	14.80	3.95	2600.0	1.53	1.34	1.31	1.24
2650.0	5.32	5.64	5.60	0.31	15.94	19.33	14.22	4.14	2650.0	1.58	1.33	1.30	1.24
2700.0	5.35	5.70	5.66	0.35	15.22	18.37	13.68	4.34	2700.0	1.64	1.31	1.28	1.21
2750.0	5.39	5.78	5.74	0.39	14.56	17.50	13.18	4.48	2750.0	1.72	1.31	1.30	1.18
2800.0	5.44	5.88	5.84	0.44	13.95	16.73	12.72	4.63	2800.0	1.83	1.33	1.33	1.18
2850.0	5.47	5.95	5.92	0.47	13.55	16.23	12.42	4.73	2850.0	1.92	1.34	1.36	1.15

¹ Total Loss = Insertion Loss + 4.8dB Splitter Loss

REV. X2

RACK-3-ED11527/1

100707

Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS9100 CERTIFIED • RoHS compliant

P.O. Box 350186, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, instantly • For detailed performance specs & shopping online see

