

2 Way-0° Power Splitter/Combiner RACK-2-ED12568/1

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
1400.0	3.43	3.34	0.08	14.29	0.63	1400.0	1.39	1.15	1.13
1450.0	3.42	3.32	0.10	15.05	0.46	1450.0	1.34	1.17	1.11
1500.0	3.40	3.30	0.10	15.86	0.32	1500.0	1.29	1.18	1.10
1550.0	3.39	3.29	0.10	16.76	0.14	1550.0	1.25	1.19	1.10
1600.0	3.36	3.28	0.09	17.74	0.03	1600.0	1.21	1.20	1.11
1650.0	3.36	3.29	0.07	18.84	0.04	1650.0	1.18	1.21	1.11
1700.0	3.34	3.29	0.05	20.11	0.08	1700.0	1.15	1.20	1.13
1750.0	3.34	3.30	0.03	21.50	0.08	1750.0	1.14	1.19	1.15
1800.0	3.33	3.31	0.02	23.25	0.05	1800.0	1.13	1.17	1.17
1850.0	3.33	3.32	0.01	25.24	0.03	1850.0	1.11	1.15	1.17
1900.0	3.32	3.32	0.01	27.76	0.11	1900.0	1.10	1.12	1.17
1950.0	3.33	3.33	0.01	31.24	0.21	1950.0	1.09	1.08	1.17
2000.0	3.33	3.32	0.01	35.55	0.26	2000.0	1.07	1.05	1.15
2100.0	3.35	3.32	0.02	33.76	0.28	2100.0	1.03	1.04	1.10
2105.0	3.35	3.32	0.02	33.34	0.28	2105.0	1.03	1.04	1.10
2110.0	3.35	3.32	0.03	32.93	0.29	2110.0	1.03	1.05	1.09
2115.0	3.35	3.32	0.03	32.53	0.28	2115.0	1.03	1.05	1.09
2120.0	3.35	3.32	0.03	32.12	0.27	2120.0	1.03	1.05	1.09
2125.0	3.35	3.32	0.03	31.74	0.27	2125.0	1.04	1.06	1.08
2130.0	3.35	3.32	0.03	31.37	0.27	2130.0	1.04	1.06	1.08
2135.0	3.35	3.32	0.03	31.01	0.24	2135.0	1.04	1.06	1.08
2140.0	3.36	3.33	0.03	30.66	0.23	2140.0	1.05	1.07	1.07
2145.0	3.35	3.33	0.03	30.31	0.24	2145.0	1.05	1.07	1.07
2150.0	3.36	3.33	0.03	29.98	0.24	2150.0	1.06	1.08	1.07
2155.0	3.36	3.33	0.03	29.66	0.23	2155.0	1.06	1.08	1.06
2160.0	3.36	3.33	0.03	29.35	0.24	2160.0	1.07	1.08	1.06
2165.0	3.36	3.33	0.03	29.05	0.23	2165.0	1.07	1.09	1.06
2170.0	3.36	3.33	0.03	28.75	0.24	2170.0	1.08	1.09	1.05
2175.0	3.37	3.34	0.03	28.47	0.24	2175.0	1.08	1.09	1.05
2200.0	3.38	3.34	0.04	27.20	0.19	2200.0	1.11	1.11	1.05
2300.0	3.43	3.41	0.02	23.62	0.09	2300.0	1.24	1.18	1.14
2350.0	3.46	3.45	0.01	22.31	0.12	2350.0	1.32	1.22	1.21
2400.0	3.51	3.52	0.01	21.21	0.15	2400.0	1.41	1.25	1.28
2450.0	3.55	3.57	0.02	20.34	0.20	2450.0	1.50	1.27	1.35
2500.0	3.63	3.66	0.02	19.55	0.28	2500.0	1.59	1.30	1.42
2550.0	3.68	3.72	0.03	18.88	0.40	2550.0	1.68	1.32	1.48
2600.0	3.76	3.79	0.03	18.34	0.52	2600.0	1.77	1.34	1.54
2650.0	3.82	3.84	0.02	17.80	0.66	2650.0	1.84	1.37	1.58
2700.0	3.88	3.88	0.00	17.39	0.80	2700.0	1.90	1.39	1.60
2750.0	3.93	3.90	0.03	16.97	0.84	2750.0	1.96	1.43	1.60
2800.0	3.97	3.92	0.05	16.59	0.86	2800.0	1.99	1.46	1.58

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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