

2 Way-0° Power Splitter/Combiner RACK-2-ED11512/1

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
1550.0	3.35	3.28	0.07	15.90	0.02	1550.0	1.36	1.07	1.06
1600.0	3.34	3.28	0.07	16.39	0.01	1600.0	1.34	1.06	1.06
1650.0	3.34	3.27	0.07	17.13	0.02	1650.0	1.31	1.06	1.06
1700.0	3.33	3.26	0.07	18.00	0.05	1700.0	1.28	1.05	1.06
1750.0	3.33	3.26	0.07	18.96	0.09	1750.0	1.25	1.06	1.07
1800.0	3.32	3.25	0.07	20.03	0.11	1800.0	1.22	1.06	1.08
1850.0	3.32	3.25	0.08	21.23	0.15	1850.0	1.20	1.05	1.07
1900.0	3.32	3.24	0.08	22.60	0.19	1900.0	1.17	1.05	1.07
1950.0	3.32	3.24	0.08	24.21	0.23	1950.0	1.15	1.04	1.07
2000.0	3.32	3.24	0.08	26.18	0.24	2000.0	1.12	1.03	1.05
2050.0	3.32	3.24	0.08	28.47	0.27	2050.0	1.10	1.04	1.05
2100.0	3.32	3.24	0.08	30.46	0.27	2100.0	1.08	1.04	1.04
2110.0	3.32	3.24	0.08	31.03	0.28	2110.0	1.08	1.04	1.04
2115.0	3.32	3.24	0.08	32.36	0.28	2115.0	1.07	1.05	1.05
2120.0	3.32	3.24	0.08	33.01	0.29	2120.0	1.06	1.05	1.05
2125.0	3.32	3.24	0.08	33.48	0.27	2125.0	1.06	1.04	1.05
2130.0	3.32	3.24	0.08	33.96	0.27	2130.0	1.06	1.04	1.05
2135.0	3.32	3.25	0.08	34.44	0.28	2135.0	1.05	1.03	1.05
2140.0	3.33	3.25	0.08	34.98	0.30	2140.0	1.05	1.03	1.05
2145.0	3.33	3.25	0.08	35.57	0.30	2145.0	1.05	1.02	1.05
2150.0	3.33	3.25	0.08	36.22	0.29	2150.0	1.04	1.02	1.05
2155.0	3.33	3.25	0.08	36.89	0.27	2155.0	1.04	1.02	1.04
2160.0	3.33	3.25	0.08	37.63	0.27	2160.0	1.04	1.01	1.04
2165.0	3.33	3.25	0.08	39.34	0.29	2165.0	1.04	1.02	1.02
2170.0	3.34	3.26	0.08	39.31	0.29	2170.0	1.04	1.02	1.02
2200.0	3.34	3.26	0.08	38.92	0.30	2200.0	1.04	1.02	1.02
2250.0	3.34	3.26	0.08	38.38	0.32	2250.0	1.04	1.03	1.02
2300.0	3.35	3.27	0.08	36.03	0.34	2300.0	1.05	1.04	1.02
2350.0	3.37	3.29	0.08	31.83	0.36	2350.0	1.07	1.04	1.03
2400.0	3.39	3.30	0.08	28.66	0.40	2400.0	1.09	1.05	1.03
2450.0	3.40	3.32	0.08	26.44	0.41	2450.0	1.12	1.04	1.03
2500.0	3.41	3.33	0.08	24.72	0.43	2500.0	1.15	1.04	1.04
2550.0	3.42	3.33	0.09	23.31	0.43	2550.0	1.17	1.06	1.04
2600.0	3.43	3.34	0.09	22.11	0.45	2600.0	1.20	1.05	1.05
2650.0	3.43	3.35	0.09	21.06	0.48	2650.0	1.22	1.08	1.07
2700.0	3.44	3.35	0.09	20.13	0.50	2700.0	1.25	1.08	1.07
2750.0	3.46	3.37	0.09	19.29	0.50	2750.0	1.27	1.09	1.09
2800.0	3.47	3.38	0.09	18.52	0.51	2800.0	1.30	1.11	1.11
2850.0	3.48	3.39	0.09	17.81	0.52	2850.0	1.33	1.10	1.10
2900.0	3.50	3.40	0.10	17.21	0.52	2900.0	1.35	1.10	1.11
2950.0	3.51	3.41	0.10	16.79	0.53	2950.0	1.37	1.09	1.10

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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