

# 1:4 RF Distribution Amplifier

# 104R

The Kramer 104R is a high performance 1:4 distribution amplifier for RF signals. It accepts a single RF input such as a typical CATV/MATV signal and distributes it to four identical outputs. Extra wide bandwidth of up to 3000 MHz ensures that the unit remains transparent in the most critical

applications. The inputs and outputs are matched to 75 ohms impedance. A 12V power supply is included, but the optional VA-50P can power up to six Kramer devices requiring 12VDC. The 104R is part of the Kramer TOOLS family of compact, high quality, and cost effective solutions for a variety of applications.

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DISTRIBUTION AMPLIFIERS



## TECHNICAL SPECIFICATIONS

|               |  |
|---------------|--|
| INPUT:        | 1 RF, 0.5 Vpp / 75 (max.) on an "F" type connector.                |
| OUTPUTS:      | 4 RF, 0.5 Vpp / 75 (max) on "F" type connectors.                   |
| BANDWIDTH:    | 40 - 3000MHz. +/-3 dB.   |
| COUPLING:     | AC.  |
| RF GAIN:      | +6 dB typical across band.   |
| NOISE FIGURE: | 3.5 dB.  |
| POWER SOURCE: | 12 VDC, 80 mA.   |
| DIMENSIONS:   | 12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98"), W, D, H.              |
| WEIGHT:       | 0.32 kg. (0.71 lbs.) approx.                                       |
| ACCESSORIES:  | Power supply, mounting bracket.                                    |
| OPTIONS:      | 19" rack adapters RK-T1, RK-T3 (see page 6.24, 6.25 for details ). |

## TYPICAL APPLICATIONS

-  CATV and MATV systems.
-  Retail stores, schools, medical facilities.
-  Home theater systems.
-  Modulation applications (e. g., hotel systems).