



MCA204M

VHF/UHF Receiver Multicoupler - 25 MHz to 1 GHz - 4 Ports

Description

The MCA204M is a specially designed multicoupler for use in the VHF/UHF service band for radio monitoring and signal surveillance. Its high performance and rugged design will meet the most stringent commercial and government requirements.

MCA204M can support up to four (4) devices such as radios or spectrum analyzers. The four outputs has a gain of +4 dB with a nominal impedance of 50 Ohm. The input circuitry features a 5-section high-pass filter to shape the frequency response of the unit and to provide for out-of-band signal rejection.

The MCA204M is constructed in a rugged die cast aluminum enclosure with mounting flanges. Black powder coating is standard with light Gray enamel (Mil) and olive drab (green/Mil) available on QTY 5 and up.

DC power required is +12 Volts (nominal) at 100 mA.
A wall adapter (110 VAC/+12 VDC-300 mA) is supplied for the North American market.
Optional EMI/RFI filtered DC feed thru for hard wiring is also available.

- **VHF/UHF Frequency Range**
- **25 MHz Input High-Pass Filter**
- **OP1dB = 17 dBm OIP3 = 31 dBm**
- **No Signal Loss to Output Ports**
- **Rugged Cast Aluminum Case**