

# Manhattan Electrical Cables



# Signal transmission made reliable



**R**eliable, durable cable is the centerpiece of any electrical system and Alpha Wire's Manhattan brand has been a trusted and reliable source of cable for over 60 years. Whether you need

something as simple as a power cord or a cable which can maintain

audio-video signal integrity in a noisy environment, you'll find the breadth and depth of products to ensure an optimum solution to your application.

- Audio/video
- Computer
- Instrumentation
- Thermocouple
- Control
- Plenum
- Coaxial
- Cords/cordage
- High temperature
- Security and data

## Audio/video cable

From intercom systems to broadcast studios, our range of audio/video cable allows you to tackle the toughest needs easily and reliably. Choose the correct



number of conductors, gauge, insulation, shielding, jacket material,

UL/CSA/NEC approvals, and any other parameters to find the right cable for your application.

## Computer cable

For precise signal transmission in computers and control applications, we offer the widest range of shielded and unshielded configurations to satisfy applications including traditional RS-232 and RS-422 interfaces, point-of-sale equipment, and modems and multiplexers. For extended distances, we offer cables with very low capacitance.

## Instrumentation cable

The process control manufacturing environment demands accurate measurement, reliability, durability, and products built for industrial use. Maintaining the integrity of analog and digital signals requires well-constructed, high-performance

cables. With our broad product portfolio of single and multiple pair shielded and unshielded products, you'll be able to satisfy any application in any environment.

## Thermocouple cable

You can find the perfect thermocouple cable based on conductor combinations JX, KX, EX, and SX, as well as insulations suited for applications up to 200°C. Count on Manhattan thermocouple cables for quality and accurate temperature measurement.

## Control cable

We offer UL style TC in a variety of conductor counts, gauges, shielding options, all with durable PVC/nylon insulation and PVC jackets. We also offer MIL-W-16878 cables with 600 V and 1000 V ratings.

## Plenum cable

We offer a full range of cables for control, computer interconnections, security, alarms, and building energy management systems in a variety of plenum-rated insulations and jackets.

## Coaxial cable

For a complete range of 50, 75, 93, and 100 ohm coaxial, twinaxial, and triaxial cables, we offer a wide range of



insulations and jackets meeting the requirements of

military specifications and regulatory agencies such as UL and CSA. For broadcast-quality video transmission, our precision video cables use FEP dielectrics to achieve low capacitance, high velocities of propagation, and tight tolerances for maximum signal integrity.

## Cords/cordsets

For consumer and industrial devices, business and communication machines, and medical and test equipment, our cords give you everything



you need for reliable plug-in power. All our cords are UL Listed and CSA Certified; we also offer a wide range of

CENELEC-approved products for international use.

Options include two- and three-conductor cords, shielded or unshielded, stripped and terminated cable ends, straight or retractile cords, and all common plug and receptacle configurations.

## High-temperature cable

Alpha Wire's Manhattan brand of high-temperature cables are available for temperatures ranging from 150°C to 540°C. Our expertise in high-temperature materials will help you select the right cable to meet the demanding high-temperature requirements for control and power applications.



## The cables you trust. The service you deserve.

Every application is critical and cable failure is not an option when safety and the cost of downtime are involved. Specify Manhattan electrical cables for your demanding electrical applications; since the integrity of your system is only as robust as the products you use.

## Superior availability

Alpha offers Manhattan electrical cable from stock in most sizes and constructions, in a variety of packaging options. Our products are available for same-day shipment, eliminating long lead times.

## Service and support, second-to-none

Selecting the correct cable for your critical application is essential to system reliability, performance, and safety. So we make it easy for you to select the right Manhattan product for your specific application. Our online resources include a wire and cable selection guide, technical information, full product catalog, and a distributor locator. Can't find what you're looking for? Design the cable to your specification, it's easy, just visit **[www.alphawire.com](http://www.alphawire.com)**!

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**AlphaWire**

*Cables you trust. Service you deserve.*