

Industrial Ethernet Cables

Custom Interconnect Solutions



Flexible, Durable, Crush Resistant

Engineered to withstand continuous flex usage, Winchester's Industrial Ethernet Cables provide a reliable data connection between high-speed production machines, robots and automation equipment. Our Industrial Ethernet Cables support 10, 100 and 1000 Base T communications, making them suitable for a wide variety of control applications.

Durable Construction

- Finely stranded bare copper conductors
- Premium polyolefin insulation
- Inner TPE Jacket available for crush resistance
- Braid shield for EMI protection
- Choice of PVC, TPE, or polyurethane jacket

Performance Characteristics

Electrical for 26 and 24 AWG

- Impedance, 100 Ohms +/- 15 Ohms at 1-100 MHz
- Nominal capacitance, 16 pF/ft
- Minimum velocity of propagation, 68%

Mechanical

- 24 AWG: Flexible networking to a maximum distance of 80 meters
- 26 AWG: Rolling flex and robotic applications to a maximum distance of 60 meters