

Industrial EtherNet Cables (Unshielded CAT 5 or CAT 5E)



UL® CE RoHS

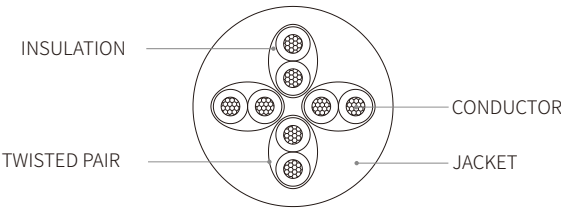
Cable Features

- Halogen-free PUR jacket available
- Foaming insulation wires
- The transmission bandwidth is 100MHz

Detailed Specifications

| Structure             | Items                 | Unit      | Specifications                                                           |          |
|-----------------------|-----------------------|-----------|--------------------------------------------------------------------------|----------|
| Conductor             | AWG No.               | AWG       | 24AWGx2P                                                                 | 24AWGx4P |
|                       | Material              | -         | Bare Copper                                                              |          |
| Wire Insulation       | Material              | -         | HD-PE                                                                    |          |
|                       | Color                 | -         | Blue&White/Blue;Orange&White/Orange; Green&Green/White;Brown&Brown/White |          |
| Jacket                | Material              | -         | PVC/PUR                                                                  |          |
|                       | Color                 | -         | Gray/Black                                                               |          |
| Electrical Capability | Rated Temp            | °C        | 60°C                                                                     |          |
|                       | Rated Voltage         | V         | 30V                                                                      |          |
|                       | Conductor Resistance  | Ω/KM20°C  | 24AWG:94.2Max                                                            |          |
|                       | Insulation Resistance | MΩ/KM20°C | 100 Min                                                                  |          |
|                       | Impedance             | Ω         | 100+/-15%                                                                |          |
|                       | Flame Rating          | -         | FT2                                                                      |          |

Cable Construction



Technical Data

- Test Voltage: AC 1000V/min
- Minimum Bending Radius: 12xd
- RoHS Compliant
- Temperature Range:
  - 40°C~+80°C(Fixed Installation)
  - 25°C~+80°C(Flexible Installation)

Advantage & Application

- From sensor/actuator to internet seamless telecommunication
- For extreme industrial EtherNET environment
- Used for EtherCAT and EtherNET/IP system
- For fixed/flexible installation cables