

Industrial Ethernet Cables (CAT 7)



UL® CE RoHS

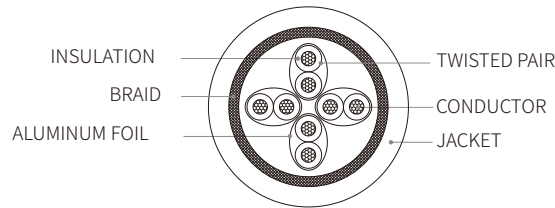
■ Cable Features

- Solid conductor
- Halogen-free PUR jacket available
- Foaming insulation wires
- 4-pair wire, each pair of lines has a shielding layer, four pairs of lines together and a large common shielding layer

■ 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	
Assembly	AL	mm	>100%	
	Braids	mm	>65%	
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	26AWG:150Max
	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
Industrial Ethernet from 100Mbit/s to 10 Gbit/s
- For extreme industrial EtherNET environment
- Used for EtherCAT and EtherNET/IP system
- Suitable for machine, tool, equipment, device,
- electric appliance and control cabinet wiring system