

Industrial Ethernet Cables (Shielded CAT 5E)



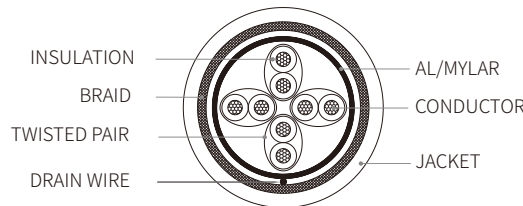
Cable Features

- High quality double shielding ensures high reliability of data transmission under electromagnetic interference
- Halogen-free PUR jacket available
- 2-pair or 4-Pair wires
- The transmission bandwidth is 100MHz
- Foaming insulation wires

Detailed Specifications

Structure	Items	Unit	Specifications			
Conductor	AWG No.	AWG	24AWGx2P	24AWGx4P	26AWGx2P	26AWGx4P
	Material	-	Bare Copper			
Wire Insulation	Material	-	HD-PE			
	Color	-	Blue&White/Blue;Orange&White/Orange; Green&Green/White;Brown&Brown/White			
Assembly	Drain Wire	mm	24AWG		26AWG	
	AL/Mylar	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
- For extreme industrial EtherNET environment
- Used for EtherCAT and EtherNET/IP system
- For fixed/flexible installation cables