

Industrial EtherNet Cables (Shielded CAT 6A)



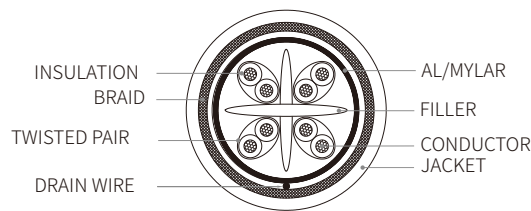
■ Cable Features

- High quality double shielding ensures high reliability of data transmission under electromagnetic interference
- PE insulation wires
- Oil resistant sheathing enables the cable to be used in industrial environments
- 4-Pair wires
- Bandwidth is also expanded to 250MHz

■ Detailed Specifications

Structure	Items	Unit	Specifications	
Conductor	AWG No.	AWG	24AWGx4P	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
	Filler	-	PE	
	AL/Mylar	mm	>100%	
Jacket	Braids	mm	>65%	
	Material	-	PVC/PUR	
Electrical Capability	Color	-	Gray/Black	
	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
- Shielding structures prevent electromagnetic interference
- For extreme industrial EtherNET environment
- Used for EtherCAT and EtherNET/IP system
- For fixed/flexible installation cables