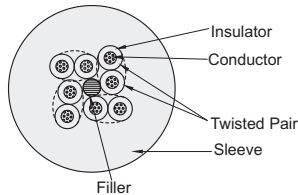


Without Shielding

Code	Type	Shield	Wire Core Material	Sleeve Material	Oil Resistant
ZIE65	CAT5E	Without Shielding	Pure Copper Conductor	PVC	Complete Oil Resistance

Application

- Suitable for seamless communication shield from sensor/actuator layer to network, anti-electromagnetic interference for dry or wet rooms;
- It can be used in harsh industrial environments;
- 4 pairs: Industrial Ethernet 10/100/1000Mbit/s, without crystal head;
- Suitable for EtherCAT and EtherNet/IP applications;
- High quality and double shielding ensures high reliability of data transmission under electromagnetic interference;
- Bending test ≥ 10 million times.



Conductor: multiple pieces of ultra-fine twisted soft copper wire
Twisted structure: 4 pairs of core wires twisted

Sell by	Length Per Roll
Roll	100m/Roll



The first perspective

Part Number		Length (m)	Wire Specification	Cable Outer Diameter (mm)	Cable Weight kg/km	Conductor Structure (Piece/mm)
Code	Color					
ZIE65	H (Gray)	100 (Sell by Roll 100m/Roll)	4×2×0.2	6.1	44	25/0.1±0.008
	BK (Black)					
	R (Red)					
	P (Purple)					
	O (Orange)					

Technical Parameters

Rated Voltage		30V
Test Voltage		1000V/min
Characteristic Impedance		Core Wire 100 ohm±15%
Bending Radius	Fixed Installation	8×Cable Outer Diameter
	Movement Installation	15×Cable Outer Diameter
Temperature	Fixed Installation	-40°C to +80°C
	Movement Installation	-30°C to +80°C
Halogen-Free		Complies with EN 60754 Standard
Flammability Rating		VW-1



Part Number		Length(m)
Code	Color	
ZIE65	H (Gray)	100
	BK (Black)	(Sell by Roll 100m/Roll)

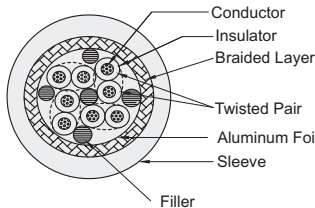
ZIE65—H—100

Double Shielded

Code	Type	Shield	Wire Core Material	Insulator Material	Sleeve Material	Oil Resistant
ZIE67	CAT5E	Double Shielding	Pure Copper Conductor	PVC	PVC	Complete Oil Resistance

Application

- Suitable for seamless communication shield from sensor/actuator layer to network, anti-electromagnetic interference for dry or wet rooms;
- It can be used in harsh industrial environments;
- 4 pairs: Industrial Ethernet 10/100/1000Mbit/s, without crystal head;
- Suitable for EtherCAT and EtherNet/IP applications;
- High quality and double shielding ensures high reliability of data transmission under electromagnetic interference;
- Bending test ≥ 10 million times.



Conductor: multiple pieces of ultra-fine twisted soft copper wire
Twisted structure: 4 pairs of core wires twisted

Sell by	Length Per Roll
Roll	100m/Roll



The first perspective

Part Number		Length (m)	Wire Specification	Cable Outer Diameter (mm)	Cable Weight kg/km	Shielding Type	Conductor Structure (Root/mm)
Code	Color						
ZIE67	H (Gray)	100 (Sell by Roll 100m/Roll)	4×2×0.2	6.5	58	Integral Copper Wire Braid Shield Plus Aluminum Foil Shield	25/0.1±0.008
	BK (Black)						
	R (Red)						
	P (Purple)						
	O (Orange)						

Technical Parameters

Rated Voltage		30V
Test Voltage		1000V/min
Characteristic Impedance		Core Wire 100 ohm±15%
Bending Radius	Fixed Installation	8×Cable Outer Diameter
	Mobile Installation	15×Cable Outer Diameter
Temperature	Fixed Installation	-40°C to +80°C
	Mobile Installation	-30°C to +80°C
Halogen Free		Complies with EN 60754 Standard
Flammability Rating		VW-1



Part Number		Length(m)
Code	Color	
ZIE67	H (Gray)	100
	BK (Black)	(Sell by Roll 100m/Roll)

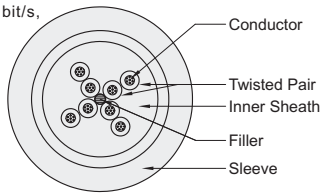
ZIE67—H—100

Without Shielding

Code	Type	Shield	Wire Core Material	Insulator Material	Sleeve Material	Oil Resistant
ZIE70	CAT6	Without Shielding	Pure Copper Conductor	PVC	PVC	Complete Oil Resistance

Application

- Industrial Ethernet cables, highly flexible applications;
- Suitable for power drag chains, and moving mechanical parts in dry or slightly humid rooms;
- Applicable only to wires with connectors installed;
- Suitable for EtherCAT and EtherNet/IP applications;
- Equipment installation engineering and machinery manufacturing;
- 4 pairs: Industrial Ethernet 10/100/1000Mbit/s, Without crystal head;
- Bending test ≥ 10 million times.



Conductor: multiple pieces of ultra-fine twisted soft copper wire
Twisted structure: 4 pairs of core wires twisted



Sell by	Length Per Roll
Roll	100m/Roll

Part Number		Length(m)	Wire Specification	Cable Outer Diameter (mm)	Cable Weight (kg/km)	Conductor Structure (Root/mm)
Code	Color					
ZIE70	H (Gray)	100 (Sell by Roll 100m/Roll)	4×2×0.2	6.1	44	25/0.1±0.008
	BK (Black)					
	R (Red)					
	P (Purple)					
	O (Orange)					

Technical Parameters

Rated Voltage		30V
Test Voltage		1000V/min
Characteristic Impedance		at 1-100MHz: 100±150Ohm
Bending Radius	Fixed Installation	4×Cable Outer Diameter
	Movement Installation	7.5×Cable Outer Diameter
Temperature	Fixed Installation	-40°C to +80°C
	Movement Installation	-30°C to +80°C
Halogen Free		Complies with EN 60754 Standard
Flammability Rating		VW-1



Part Number		Length(m)
Code	Color	
ZIE70	H (Gray)	100 (Sell by Roll 100m/Roll)
	BK (Black)	

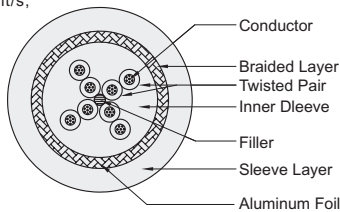
ZIE70—H—100

Double Shielded

Code	Type	Shield	Wire Core Material	Insulator Material	Sleeve Material	Oil Resistant
ZIE72	CAT6	Double Shielding	Pure Copper Conductor	PVC	PVC	Complete Oil Resistance

Application

- Industrial Ethernet cables, highly flexible applications;
- Suitable for power drag chains, and moving mechanical parts in dry or slightly humid rooms;
- Applicable only to wires with connectors installed;
- Suitable for EtherCAT and EtherNet/IP applications;
- Equipment installation engineering and machinery manufacturing;
- 4 pairs: Industrial Ethernet 10/100/1000Mbit/s, Without crystal head;
- Bending test ≥ 10 million times.



Conductor: multiple pieces of ultra-fine twisted soft copper wire
Twisted structure: 4 pairs of core wires twisted



Sell by	Length Per Roll
Roll	100m/Roll

Part Number		Length(m)	Wire Specification	Cable Outer Diameter (mm)	Cable Weight (kg/km)	Shielding Type	Conductor Structure (Root/mm)
Code	Color						
ZIE72	H (Gray)	100 (Sell by Roll 100m/Roll)	4×2×0.2	7.4	8.1	Integral Copper Wire Braid Shield Plus Aluminum Foil Shield	25/0.1±0.008
	BK (Black)						
	R (Red)						
	P (Purple)						
	O (Orange)						

Technical Parameters

Rated Voltage		100V max
Test Voltage		700V
Characteristic Impedance		At 1-100MHz: 100±150Ohm
Bending Radius	Fixed Installation	4×Cable Outer Diameter
	Movement Installation	7.5×Cable Outer Diameter
Temperature	Fixed Installation	-40°C to +80°C
	Movement Installation	-30°C to +80°C
Halogen Free		Complies with EN 60754 Standard
Flammability Rating		VW-1



Part Number		Length(m)
Code	Color	
ZIE72	H (Gray)	100 (Sell by Roll 100m/Roll)
	BK (Black)	

ZIE72—H—100