



PROFINET Cable

Good quality & Good service based on reasonable prices.

- + OEM customized production according to your requirements.
- + Standardized products and services according to our own brand.



PROFINET Copper Cable type A



Application

The cable is specially designed for PROFINET and is widely used in industrial Ethernet applications such as machines, equipment, instruments and control panels. The electrical properties are in accordance with CAT5e standard. PROFINET copper cable type A suitable for fixed applications.

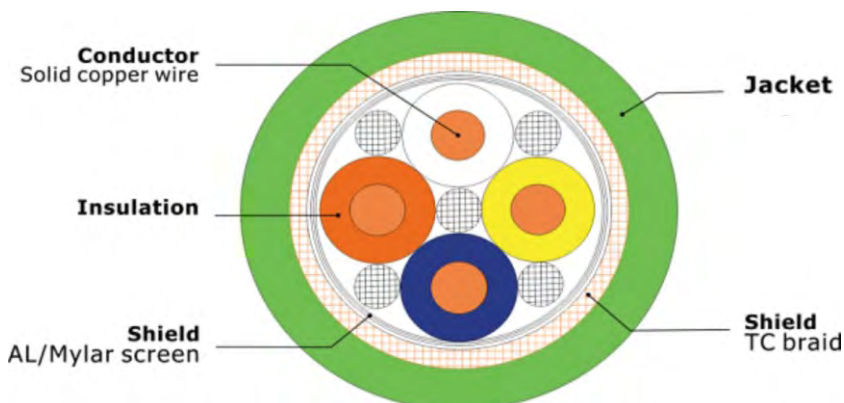
Features

- Flame resistance according to IEC60332-1
- Have good performance of resistant to external EMI
- LSZH (Halogen free, low smoke) & PVC for cable's Jacket
- Excellent transmission performance
- The cables have excellent tensile and compressive properties.

Cable Construction

Conductor:	Solid Copper (Class1)
Insulation:	PE
Insulation color:	White, Yellow, Blue, Orange
Inner jacket:	PVC or LSZH
Shield:	AL/Mylar screen and TC braid
Outer jacket:	PVC or LSZH
Color:	Green RAL 6018

Cross Section





Technical parameters

Temperature range	-40°C to 80°C
Characteristic impedance	100±15 Ohm
Min bending radius	Fixed installation: 4x cable diameter
Loop conductor DC resistance at 20°C	≤60 ohm/km
Test voltage	2000V/min (AC)

Product List:

Item No.	Spec.	Inner Jacket	Outer Jacket	Nominal OD(mm)	Copper weight approx (kg/km)	Weight approx (kg/km)	Application
7131511	4*22AWG/1	PVC	PVC	6.5	28.9	67.6	Fixed installation
7131512	4*22AWG/1	LSZH	LSZH	6.5	28.9	68.6	

Order Informations

Marking	HELLOSIGNAL PROFINET Copper Cable Type A XXXFT/M
Package	100M/Reel, 300M/Wooden Spool
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

Online Service

ICQ	+86 15088607575
Whatsapp	+86 15088607575
Email	info@zion-communication.com



PROFINET Copper Cable type B



Application

The cable is specially designed for PROFINET and is widely used in industrial Ethernet applications such as machines, equipment, instruments and control panels. The electrical properties are in accordance with CAT5e standard. PROFINET copper cable type B suitable for fixed applications or occasional movement.

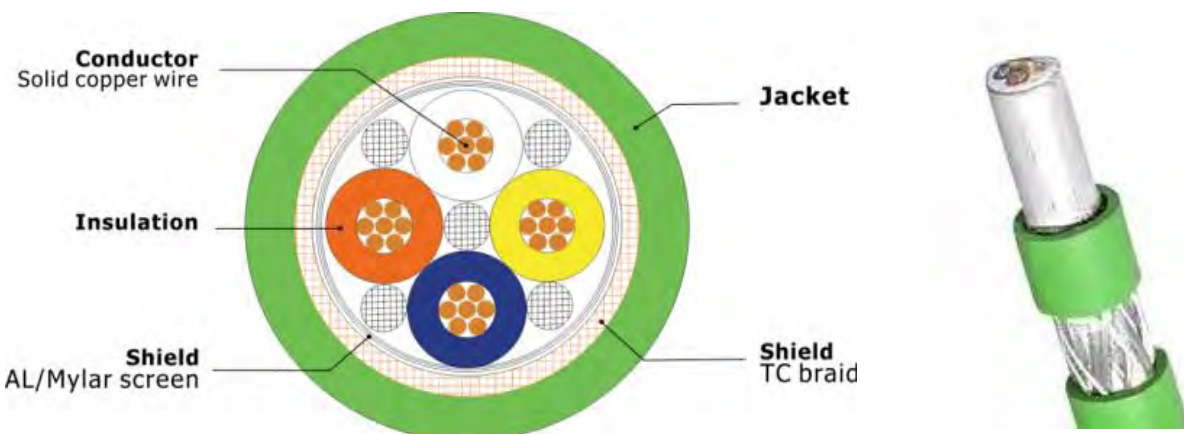
Features

- Flame resistance according to IEC60332-1
- Have good performance of resistant to external EMI
- LSZH (Halogen free, low smoke) & PVC for cable's Jacket
- Excellent transmission performance
- The cables have excellent tensile and compressive properties.

Cable Construction

Conductor:	Stranded Tinned Copper
Insulation:	PE
Insulation color:	White, Yellow, Blue, Orange
Inner jacket:	PVC or LSZH
Shield:	AL/Mylar screen and TC braid
Outer jacket:	PVC or LSZH
Color:	Green RAL 6018

Cross Section





Technical parameters

Temperature range	-40°C to 80°C
Characteristic impedance	100±15 Ohm
Min bending radius	Fixed installation: 4x cable diameter Occasional movement: 8x cable diameter
Loop conductor DC resistance at 20°C	≤60 ohm/km
Test voltage	2000V/min (AC)

Product List:

Item No.	Spec.	Inner Jacket	Outer Jacket	Nominal OD(mm)	Copper. weight approx (kg/km)	Weight approx (kg/km)	Application
7131513	4*22AWG/7	PVC	PVC	6.5	29.5	68.3	Fixed installation
7131514	4*22AWG/7	LSZH	LSZH	6.5	29.5	69.3	

Order Informations

Marking	HELLOSIGNAL PROFINET Copper Cable Type B XXXFT/M
Package	100M/Reel, 300M/Wooden Spool
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

Online Service

ICQ	+86 15088607575
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Email	info@zion-communication.com



PROFINET Copper Cable type C



Application

The cable is specially designed for PROFINET and is widely used in industrial Ethernet applications such as machines, equipment, instruments and control panels. The electrical properties are in accordance with CAT5e standard. PROFINET copper cable type C suitable for fixed applications or occasional movement.

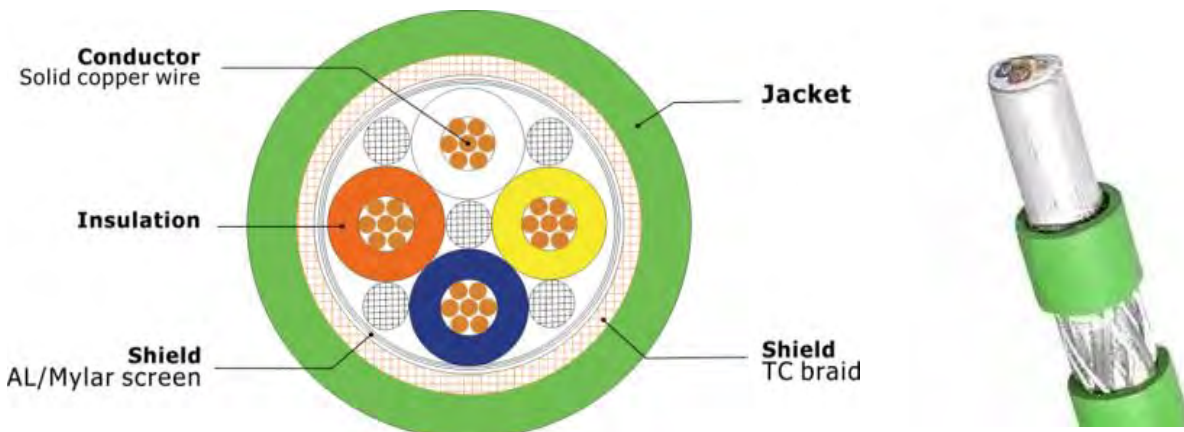
Features

- Flame resistance according to IEC60332-1
- Have good performance of resistant to external EMI
- The PUR sheath is particularly creamy, abrasion and hydrolysis resistant
- Excellent transmission performance
- The cables have excellent tensile, flexibility, and compressive properties.

Cable Construction

Conductor:	Stranded Tinned Copper
Insulation:	PE
Insulation color:	White, Yellow, Blue, Orange
Inner jacket:	PVC or LSZH
Shield:	AL/Mylar screen and TC braid
Outer jacket:	PVC or PUR
Color:	Green RAL 6018

Cross Section





Technical parameters

Temperature range	Fixed installation: -40°C to 80°C Occasional movement: -45°C to 60°C
Characteristic impedance	100±15 Ohm
Min bending radius	Fixed installation: 4x cable diameter Occasional movement: 8x cable diameter
Loop conductor DC resistance at 20°C	≤60 ohm/km
Test voltage	2000V/min (AC)

Product List:

Item No.	Spec.	Inner Jacket	Outer Jacket	Nominal OD(mm)	Copper weight approx (kg/km)	Weight approx (kg/km)	Application
7131515	4*22AWG/19	PVC	PVC	6.5	29.5	66.7	Fixed
7131516	4*22AWG/19	LSZH	PUR	6.5	29.5	65.5	installation

Order Informations

Marking	HELLOSIGNAL PROFINET Copper Cable Type C XXXFT/M
Package	100M/Reel, 300M/Wooden Spool
Delivery time	Normally 25 days after received the deposit.
Brand	HELLOSIGNAL® OR OEM

Online Service

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● GLOBAL MARKET



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