CNLINKO

Harness and connector customization

Manufacturer of high reliability industrial waterproof connectors

Harness and connector customization

CNLINKO selects international high−quality wires combined with CNLINKO brand connectors, and can customize the corresponding wire harness connectors according to the differenti needs of customers. We can also carry out engineering design and development to provide solutions according to the needs provided by customers. Flexible and convenient customized solutions make you more worry−free.

The Application case of Wire Harness (Power)　　　　P153

Cnlinko's Products series	LP、YM、BD、DH、EV、DZ、YA、YZ、YW、YF and scheme development products
Module type	2/3/4 Pins
Optional cut hole size	M12、M16、M20、M24、M28 and development customization
Optional material types	Plastic type, Metal type, Plastic + Metal type
Note	You can choose according to your needs

The Application case of Wire Harness (Data)　　　　P154

Cnlinko's Products series	LP、YM、BD、DH、DZ、YU、YT and scheme development products
Module type	USB/HDMI/Type−C
Optional cut hole size	M12、M16、M20、M24、M28 and development customization
Optional material types	Plastic type, Metal type, Plastic + Metal type
Note	You can choose according to your needs

The Application case of Wire Harness (Power+Signal)　　　　P155

Cnlinko's Products series	LP、YM、BD、DH、EV、DZ、YA、YZ、YW and scheme development products
Module type	5/6/7/8/9/10/12/14/19/24 Pins、RJ45、Optical fiber、Hybrid(2+7/2+6/3+2/3+16/4+4 Pins)
Optional cut hole size	M12、M16、M20、M24、M28 and development customization
Optional material types	Plastic type, Metal type, Plastic + Metal type
Note	You can choose according to your needs

• **Check the harness and connector customization area：**

　Scan the QR code below to check the harness and connector customization area of CNLINKO official website.

CNLINKO official website QR code for harness and connector customization area

The Application case of Wire Harness (Power)

LP20 2/3/4 Pins

Application: Solar photovoltaic, new energy storage

WVDC: 500V/AC, RC: 20A	Applicable wire diameter: Φ9.0～13.0mm
Waterproof level: IP67	Flame retardant level:VW-1/UL94V-0

Connection method:Soldering/Screwing (optional)

Wires conform to 3C, CQC, UL, VDE certification

Product advantages:It adopts spring snap-type locking connection, which has the characteristics of cold resistance, high temperature resistance and waterproof function.

BD24 2/3/4 Pins

Application: Security equipment, communication equipment, industrial robots

WVDC: 500V/AC, RC: 25A	Applicable wire diameter: Φ10.0～14.0mm
Waterproof level: IP67	Flame retardant level: VW-1/UL94V-0
Structure: metal/plastic (optional)	Connection method: Welding/Screwing (optional)

Wires conform to 3C, CQC, UL, VDE certification

Product advantages:It adopts lock-type connection, which has the characteristics of cold resistance, high temperature resistance, corrosion resistance and waterproof function.

YM24 2/3/4 Pins

Application: Ships, intelligent storage, fire fighting equipment, medical equipment, Intelligent storage

WVDC: 500V/AC, RC: 25A	Applicable wire diameter: Φ10.0～14.0mm
Waterproof level: IP68	Flame retardant level: VW-1/UL94V-0

Connection method:Soldering

Wires conform to 3C, CQC, UL, VDE certification

Product advantages:It adopts snap-type nut rotation and locking connection, which has the characteristics of fire resistance, explosion resistance, deformation resistance, cold resistance, high temperature resistance, corrosion resistance and waterproof function.

YF24 2/3/4 Pins

Application: LED display, stage lighting, audio equipment

WVDC: 500V/AC, RC: 20A	Applicable wire diameter: Φ9.0～14.0mm
Waterproof level: IP44/IP65	Flame retardant level: VW-1/UL94V-0

Connection method:Soldering/Screwing (optional)

Wires conform to 3C, CQC, UL, VDE certification

Product advantages:It adopts unique snap button and plug-type connection, which has the characteristics of explosion resistance, deformation resistance, cold or high temperature resistance, corrosion resistance, excellent insulation performance, and dustproof and waterproof functions.

DH20 2/3/4 Pins

Application: Industrial and mining, Mechanical, electromechanical equipment

WVDC: 500V/AC, RC: 20A	Applicable wire diameter: Φ9.0～13.0mm
Waterproof level: IP67	Flame retardant grade: VW-1/UL94V-0

Connection method: Welding/Screwing (optional)

Wires conform to 3C, CQC, UL, VDE certification

Product advantages:Adopt military standard three-point screw locking connection, alloy shell material, effectively reduce external high current generation, electromagnetic and signal radio frequency interference, and with waterproof function, etc.

The Application case of Wire Harness (Data)

LP,DH,YM,YU,BD
(USB2.0/3.0,Type-C 3.1)

Application: Communication, testing, industrial control and automation equipment, photographic equipment

Waterproof level: IP67	Flame retardant level: VW-1/UL94V-0
Temperature resistance level: -40～105℃	Contact resistance: 30mΩ/Max
Withstand voltage: 100V/AC	Complies with USB Association EMI requirements

Wires comply with UL2725, UL20276 certification

The transfer rate meets the USB2.0/USB3.0/Type-C Gen1/Gen2 standard.

LP,DH,YM,YT,BD
(RJ45)

Application: LED display, robotics, communication and electronic equipment

Waterproof level: IP67	Flame retardant level: VW-1/UL94V-0
Temperature resistance level: -40～105℃	

Compliant with T568A and T568B line sequence

Wires comply with UL2835 certification

The wire specification meets the transmission standard of Super Category 5, which is Cat5/Cat-5e/Cat6, multi-strand copper wire is twisted, and the signal transmission is more stable.

LP,DH,YM,BD
(LC Optical fiber)

Application: Communication and switch equipment, computer room

Waterproof level: IP67	Flame retardant level: VW-1/UL94V-0
Temperature resistance level: -40～105℃	

The wire has metal armor, the material is SUS304, which is anti-pulling and bending, preventing it from being bitten by animals.

Mainly used in outdoor connection applications, the rugged PU jacket and single mode APC armored construction cable provides 1 Gigabit/s data transmission in high bandwidth applications.

LP,DH,YM,BD
(HDMI)

Application: Videophone, multimedia, audiovisual and monitoring equipment

Waterproof level: IP67	Flame retardant level: VW-1/UL94V-0
Temperature resistance level: -40～105℃	
Support HDMI2.0 (4K*2K 60Hz), HDMI2.1	(8K*4K 120Hz) HD video transmission

Wires meet UL certification

The HDMI 2.1 wire has metal armor, the material is SUS304, which is anti-pulling and bending, preventing it from being bitten by animals and its length up to 300M.

LP,DH,YM,BD
(Multi-Pin 5~24 Pins)

Application: GPS positioning system, remote monitoring, ECT,and communication equipment

Waterproof level: IP67

Flame retardant level: VW-1/UL94V-0

Temperature resistance level: -40～105℃

Wires comply with UL, 3C certification

The Application case of Wire Harness (Power+Signal)

LC20	**Application: LED DISPLAY**
	Power interface:Rated current 20A,Operating voltage 500V/AC,Contact resistance＜1mΩ
	Signal interface:Rated current 5A,Operating voltage 400V/AC,Contact resistance＜5mΩ
	Waterproof level: IP44 Plug and unplug durability: 1700Cycles
	Flame retardant level: VW−1/UL94V−0 Temperature resistance level: −40～105℃
	Wires comply with UL, 3C certification

LP28(7+2)	**Application: New energy**
	Rated current 1.2A, working voltage 42V/AC, contact resistance＜40mΩ
	Waterproof level: IP67 Plug durability:500Cycles
	Flame retardant level: VW−1/UL94V−0 Temperature resistance level: −40～85℃
	Wirecomply with UL certification

DH24(4+4)	**Application: Mechanical equipment**
	Rated current 20A+5A, working voltage 400V/AC, contact resistance＜5mΩ
	Waterproof level: IP67 Plug durability:1700Cycles
	Flame retardant level: VW−1/UL94V−0 Temperature resistance level: −40～85℃
	Wirecomply with UL certification

LP20(2+6)	**Application: Medical equipment, photographic equipment, garden machinery**
	Rated current 25A (current) + 2A (signal),
	Working voltage 300V/AC, contact resistance＜10mΩ
	Waterproof level: IP67 Temperature rise＜30℃
	Plug and unplug durability: 1700Cycles Flame retardant level: VW−1/UL94V−0
	Temperature resistance level: −40～80℃ Wirecomply with UL certification

For more customization requirements of application scenarios, please log in to CNLINKO's official website www.cnlinko.com to contact online customer service, CNLINKO can provide you with one−stop professional services according to your needs Customized service.

PROFESSIONAL CUSTOMIZED SERVICE OF WIRE HARNESS WITHWATERPROOF CONNECTOR

Cnlinko is aware of the market trend and is looking forward to the professional customized business of waterproof industrial connector wire harness. Relying on cnlinko's professional product development team and flexible, large−scale and intelligent production line production capacity, which can respond to the customized order needs of a large number of users in real time, providing users with efficient, satisfactory and professional wire harness customization services, and help more industries and more application scenarios to achieve highly compatible professional connections.

Application of new energy

Servo motor

Electric bicycle

Communication equipment

Mechanical automation

Vehicle intelligent electronic monitoring

Medical apparatus and instruments

LED display

Lighting equipment

Monitoring equipment

Ship equipment

Industrial and mining machinery and equipment