



Product Manual

Connector manufacturer
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Dynamic Linko Highlights Technology

**CNLINKO
PRODUCT
LINE**



Dynamic Linko Highlights Technology

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About Cnlinko

Founded in 2004, Shenzhen Linko Electric Co.,LTD is a manufacturer in designing and manufacturing and marketing in the field of connectors.

We adhere to such principles " Integrity -base,quality-first ,technological precedence & greater perfection" . After 10 years stabled developed, perfect management system was established ,with creative,efficient,dedicated,rigorous R&D team ,advanced production line,

Powerful product testing and quality testing laboratory and also covers dozens of professional files testing, excellent sales team and strong channel distribution net work .

Specializing in design high-performance industry connectors and approved by identification UL(E365869), CE.CCC,I-SO9001-2008 and also with more than dozens of patents and international certifications.

We will always keep skills fresh and up-to date with international.

CNLINKO' s products are widely used in variety of challenging environments , such as LED screen ,LED lighting,Audio visual equipment,Stage lighting ,industrial automation equipment,heavy industrial equipment and the others.

Welcome to visit us and joint designing and develop new products, For the goal Win-win cooperation and mutual benefit.thanks.

Dynamic Linko Highlights Technology

Best quality and perfect after sales service .

We keep our words.

No sooner said than done .

since 2004



— 2018

The glory of cnlinko keeps going.....





The History of CNLINKO

2004

Shenzhen YUZIKE Electric Co.ltd was found in Feb.2014
Main product is LED display cases

2009

Obtained ISO9001 in Nov.
Involved industrial connectors in Dec

2010

Obtained rated IP certification in Nov.
Obtained cerfication of CE,RoHs

2011

Obtained CCC cerfication in Jan.
Changed main products to industrial connectors from Sep
Buildded testing lab in Nov.

2013

Established Cnlinko in Sep.
Obtained UL cerfication. in Nov.
Set up office in Nanshan in Dec.

2014

Imported lean production system in Nov.
Obtained TUV cerfication from Alibaba gold supplier in Nov..

2015

Implemented lean production system from Jan.to Dec.
Cnlinko obtained CCC certification in Dec
Accredited by National Innovative Enterprise in Dec.

2016

The company relocated
Products and operation system will be upgraded

2017

Obtained CCC cerfication in Jan.

CEO Message:

Doing business as be a man,we must have the value of the existence of the enterprise and the value of the contribution to the society. To stabilize and improve value products to the society step by step. Win win is the obsession of our life. Client, employees and enterprises share benefit common. Cnlinko will always adhere to every step and continue to improve and enhance the contribution due to the social responsibility.

Cnlinko had been deeply involved in connector more than 10 years, The movement of heaven is full of power. Thus the superior man makes himself strong and untiring. Depends on best quality ,Cnlinko connectors be widely used all over the world .

Brilliant performance hard to come by, which is the majority of employees in "Cnlinko is me, I am Cnlinko" from culture motivation of cnlinko , adhere to the "forge the value of responsibility", overcome difficulties, unity and struggle results.

Under the competition times , the situation of enterprises is changing greatly, we should learn to thanksgiving , However, Cnlinko believe that as long as make a contribution to this society, the society will give you a corresponding return. Every stage of the enterprise is a new starting point, we will make greater efforts to create greater value for

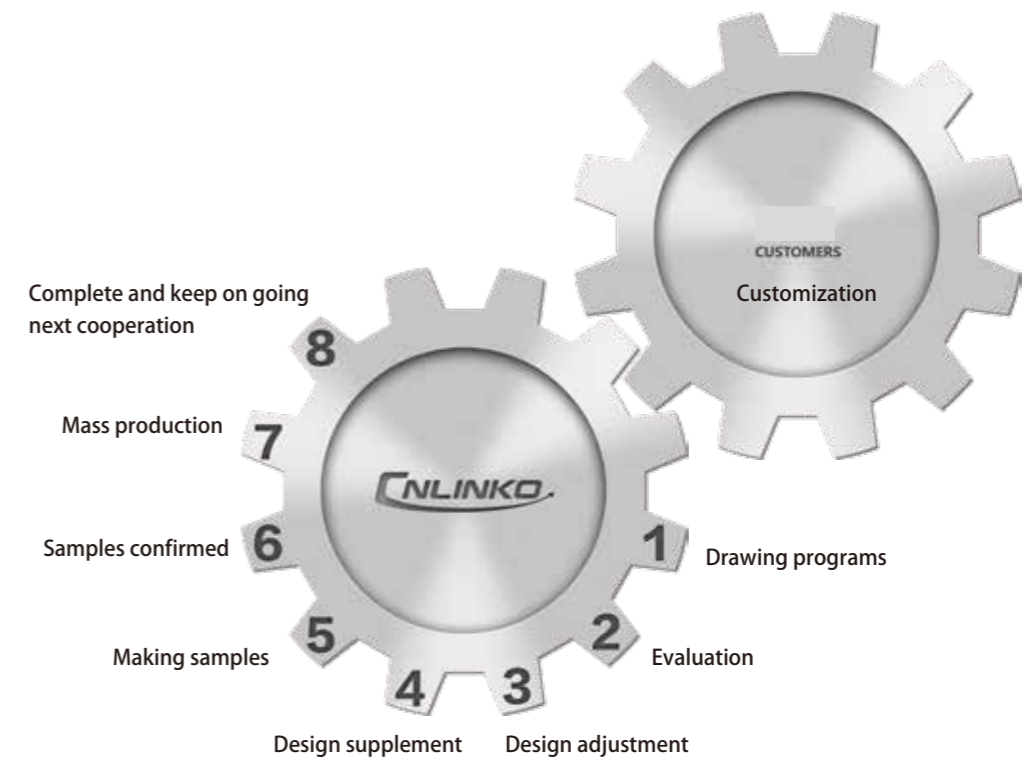


R&D Team

Technology innovation keeps fresh constantly , it protects quality and effective.
 Excellent design team makes your ideal into reality.
 Using the best material.

Customization Processes

CNLINKO supports you every step in the project



T-Trust Partner

CNLINKO always focus on client's requirement.
We are not only a good supplier, but also a T-Trust partner

Creativeness

CNLINKO always filling our creativeness into our products,
Excellent R&D team.
Best design keeps our products meets international standard

Best quality

Highly trained employees, state-of-the-art production facilities and

standardized work flows ensure superior quality.

Using high class materials , proven production processes incorporating

continuous manufacturing and final tests guarantee a consistent high quality level.



PRODUCE

Lean production is our eternal purpose.

Keeping improvement continuous every day.

With the systematic quality control the high precision production processes ensure

Continuous quality and efficient delivery of good to the right place at right time.



DESIGN 20 DAYS

20 working days from mold design to final production. Depending on excellent R&D team and strict international standard.

AMASS PRODUCTION 45 DAYS

Linko team only takes 45 days for amass production , to ensure that the product meets demand for the quality , all the material used comes from the world' s leading.

DAILY OUTPUT

Linko' s daily output is 10000 sets to meet client demand, under the premise of efficiency and advanced technology , to ensure each process is consistent quality requirements.



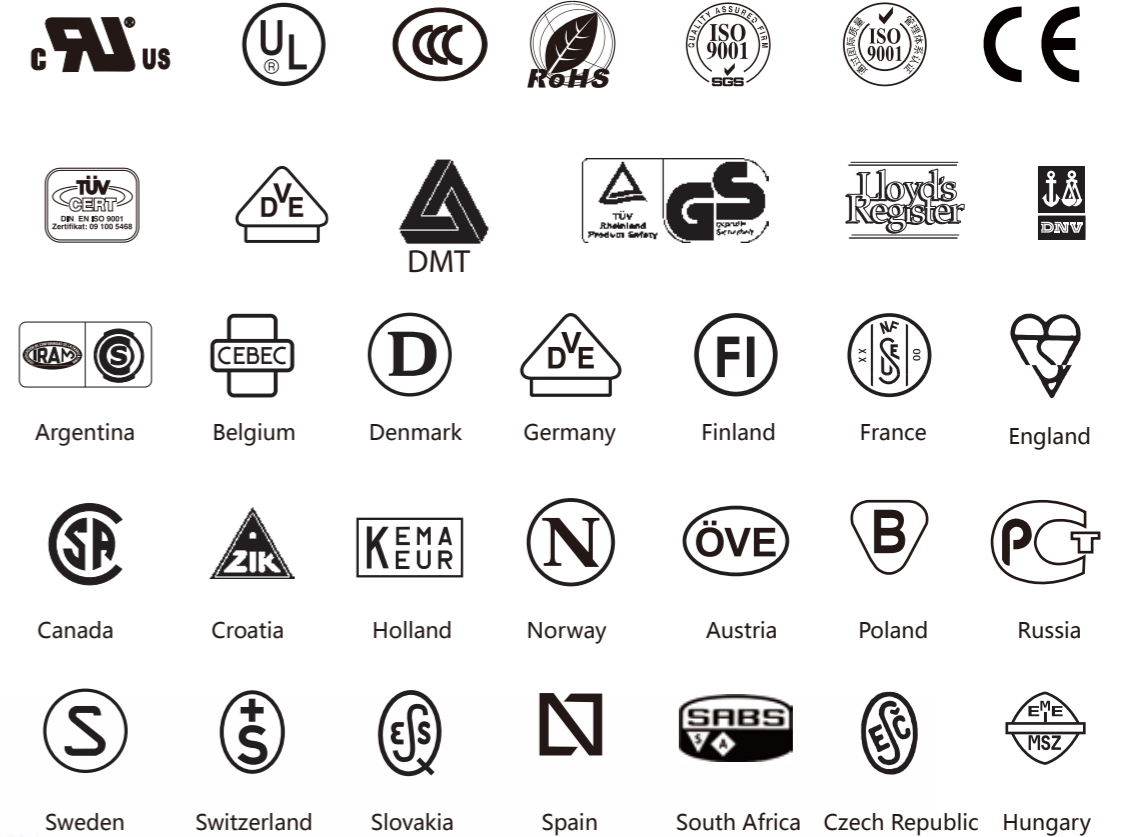


LINKO PRODUCT CAN BE TRUSTED

Long-term suppliers and partners

Quality assurance monitoring capabilities

CNLINKO's up-to-date management system with clearly defined work flows, rigorous quality control and continuous improvement of all processes is the basis for our customers satisfaction.



CNLINKO Part number Guide

LP	20	C	03	PE	0	1	001
①	②	③	④	⑤	⑥	⑦	⑧

① PRODUCT SERIES	two letter
② INSTALLATION SIZE	12= ϕ 12mm 16= ϕ 16mm 20 = ϕ 20mm 24 = ϕ 24mm.....
③ TYPE OF NEEDLE	C=Male pin,J=Female pin,R=RJ45,U=USB,F=Fiber
④ PIN NO.	00=No type pin , 01= single pin 02=2 pin 03=3 pin 04=4 pin
⑤ GENDER	PE=Plug, SX=Socket, PP=Connector
⑥ CONNECTING OF WIRE	0=soldering, 1=Crimping,2=Locking,3=Riveting,4=others
⑦ GENERATION	1-9
⑧ SPECIAL CODE	001-999



LP-12 WATERPROOF CONNECTOR

INTRODUCTION

LP-12 type connector are high quality and high precious with best quality performance under harsh situation,be widely used in lighting system,Audio,Medical equipment,industrial control and testing measurement equipment and so on.



Male plug



Female connector



Female socket

- 1: With multi-core(2-8 core) design to fit with different industrial needs.
- 2: Design snap lock ensures stable and security firm.
- 3: Humanization design achieved blind operation.
- 4: Both soldering and crimping are available.
- 5: Socket and internal made of zinc alloy, with well protected electromagnetic and radio frequency interference .
- 6: Gold-plating; high strength corrosion resistance and electrical conductivity .
- 7: Shell made of material PBT, stable electrical performance, high strength and resistance to pressure, high temperature resistance , anti-explosion, anti-corrosive.
- 8: Both cable connector to cable connector and cable connector to panel mounting are available.
- 9: IP65/IP67 when mated.
- 10: Please indicate if you need the IP level more high.



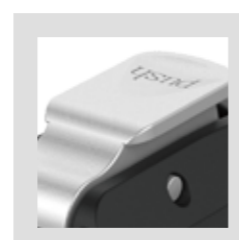
Unique CNLINKO design












Gold-plating copper






Groove female design









Unique design reinforce lock

Pin Number		2Pin	3Pin	4Pin
PICTURE AND PART NO.	Male plug& Female socket	 LP-12-C02PE-02-001 Male plug	 LP-12-C03PE-02-001 Male plug	 LP-12-C04PE-02-001 Male plug
		 LP-12-J02PP-02-001 Female connector	 LP-12-J03PP-02-001 Female connector	 LP-12-J04PP-02-001 Female connector
		 LP-12-J02SX-03-001 Female socket	 LP-12-J03SX-03-001 Female socket	 LP-12-J04SX-03-001 Female socket

			
Cable specification	≤0.785M ² /18AWG		
Diameter range	Φ3mm ~ Φ7mm		
Contact diameter × number	Φ1.5×3	Φ1.0×3	Φ1.0×4
Rated Current (A)	5A		
Operating voltage (AC.V.rms)	250V		
Contact resistance	<5mΩ		<5mΩ
Temperature rise	5A contact temperature below 30°C 7A.....40°C↓ , 10A.....50°C↓. /		
Withstanding Voltage (AC.V) 1 minute	1500V		
Insulation resistance	> 500MΩ		
Protection level	IP65/IP67		
Durability	≥500times		
Working temperature	-40°C ~ 80°C		
Connecting mode	Easy locking type		
Assembly wire	Soldering/Crimping		
MATERIALS			
Housing&insulation parts	High-performance engineering plastics		
Hardware	Zinc alloy (pearl hard chrome)		
cooper pins	Copper alloy (gold-plated 4U)		
waterproof cover	Silica gel		
Flammability rating	UL94-V0		

LP-12 SERIES SPECIFICATIONS SHEET

Pin Number	5Pin	6Pin	7Pin	8Pin
PICTURE AND PART NO. Male plug& Female socket				
	LP-12-C05PE-02-001 Male plug	LP-12-C06PE-02-001 Male plug	LP-12-C07PE-02-001 Male plug	LP-12-C08PE-02-001 Male plug
				
	LP-12-J05PP-02-001 Female connector	LP-12-J06PP-02-001 Female connector	LP-12-J07PP-02-001 Female connector	LP-12-J08PP-02-001 Female connector
				
	LP-12-J05SX-03-001 Female socket	LP-12-J06SX-03-001 Female socket	LP-12-J07SX-03-001 Female socket	LP-12-J08SX-03-001 Female socket



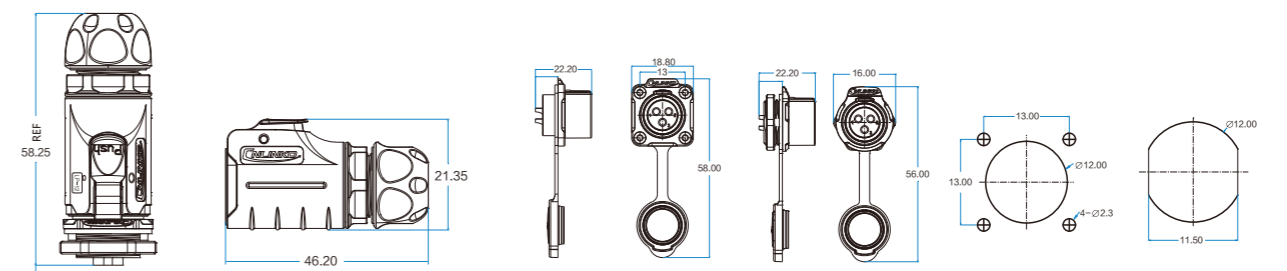
Cable specification	≤0.785M m ² /18AWG			
Diameter range	Φ3mm ~ Φ6mm			
Contact diameter × number	Φ1.0×5	Φ0.8×6	Φ0.8×7	Φ0.8×8
Rated Current (A)	5A		3A	
Operating voltage (AC.V.rms)	250V		200V	
Contact resistance	<5mΩ		<10mΩ	
Temperature rise	7A.....40°C↓, 10A.....50°C↓.		/	
Withstanding Voltage (AC.V) 1 minute	1500V		1500V	
Insulation resistance	> 500MΩ			
Protection level	IP65/IP67			
Durability	≥500times			
Working temperature	-40°C ~ 80°C			
Connecting mode	Easy locking type			
Assembly wire	Soldering/Crimping			

MATERIALS	
Housing&insulation parts	High-performance engineering plastics
Hardware	Zinc alloy (pearl hard chrome)
cooper pins	Copper alloy (gold-plated 4U)
waterproof cover	Silica gel
Flammability rating	UL94-V0

CONNECTION SCHEMES



DIMENSION FIGURE



Dimensions figure PE clamping cable plug (dimensions figure) SX socket (dimensions figure) Installation hole figure

LP-16

WATERPROOF CONNECTOR

INTRODUCTION

LP-16type connector are high quality and high precious with best quality performance under harsh situation,be widely used in lighting system,Audio,Medical equipment,industrial control and testing measurement equipment and so on.





ORDER INFORMATION
PRODUCT NUMBER
LP-16 WATERPROOF CONNECTOR



All metal



Metal+Plastic



All plastic



Male plug



Female connector



Female socket

- 1: With multi-core(2-9 core) design to fit with different industrial needs.
- 2: Design snap lock ensures stable and security firm.
- 3: Humanization design achieved blind operation.
- 4: Both soldering and crimping are available.
- 5: Socket and internal made of zinc alloy, with well protected electromagnetic and radio frequency interference.
- 6: Gold-plating; high strength corrosion resistance and electrical conductivity.
- 7: Shell made of material PBT, stable electrical performance, high strength and resistance to pressure, high temperature resistance, anti-explosion, anti-corrosive.
- 8: Both cable connector to cable connector and cable connector to panel mounting are available.
- 9: IP65/IP67 when mated.
- 10: Please indicate if you need the IP level more high.



Unique CNLINKO design



Gold-plating copper



Groove female design












Unique design reinforce lock

Pin Number	2Pin	3Pin	4Pin	
<p>PICTURE AND PART NO.</p> <p>Male plug& Female socket</p>	<p>LP-16-C02PE-01-001 Male plug</p>	<p>LP-16-C03PE-01-001 Male plug</p>	<p>LP-16-C04PE-01-001 Male plug</p>	
	<p>LP-16-J02PP-01-001 Female connector</p>	<p>LP-16-J03PP-01-001 Female connector</p>	<p>LP-16-J04PP-01-001 Female connector</p>	
	<p>LP-16-J02SX-02-001 Female socket</p>	<p>LP-16-J03SX-02-001 Female socket</p>	<p>LP-16-J04SX-02-001 Female socket</p>	

Cable specification	1.0M m ² ~ 1.5M m ² / 18-16AWG		
Diameter range	Φ3mm ~ Φ7mm		Φ5.5mm ~ Φ7mm
Contact diameter × number	Φ1.5×3	Φ1.5×3	Φ1.5×4
Rated Current (A)	10A		
Operating voltage (AC.V.rms)	400V		
Contact resistance	<2.5mΩ		
Temperature rise	10A contact temperature below 30°C 12A.....40°C, 15A.....50°C.		
Withstanding Voltage (AC.V) 1 minute	2500V		1500V
Insulation resistance	> 500MΩ		
Protection level	IP65/IP67		
Durability	≥500times		
Working temperature	-40°C ~ 80°C		
Connecting mode	Easy locking type		
Assembly wire	Soldering/Crimping		
MATERIALS			
Housing&insulation parts	High-performance engineering plastics		
Hardware	Zinc alloy (pearl hard chrome)		
cooper pins	Copper alloy (gold-plated 4U)		
waterproof cover	Silica gel		
Flammability rating	UL94-V0		

LP-16 SERIES SPECIFICATIONS SHEET

Pin Number	5Pin	7Pin	8Pin	9Pin
PICTURE AND PART NO.	 LP-16-C05PE-01-001 Male plug	 LP-16-C07PE-01-001 Male plug	 LP-16-C08PE-01-001 Male plug	 LP-16-C09PE-01-001 Male plug
	 LP-16-J05PP-01-001 Female connector	 LP-16-J07PP-01-001 Female connector	 LP-16-J08PP-01-001 Female connector	 LP-16-J09PP-01-001 Female connector
	 LP-16-J05SX-02-001 Female socket	 LP-16-J07SX-02-001 Female socket	 LP-16-J08SX-02-001 Female socket	 LP-16-J09SX-02-001 Female socket



Cable specification	0.15m ² ~ 0.2m ² / 26-24 AWG			
Diameter range	Φ3mm ~ Φ6mm			
Contact diameter × number	Φ1.0×5	Φ1.0×7	Φ1.0×8	Φ1.0×9
Rated Current (A)	5A			
Operating voltage (AC.V.rms)	250V			
Contact resistance	<5mΩ			
Temperature rise	10A contact temperature below 30°C 12A.....40°C↓ , 15A.....50°C↓.			
Withstanding Voltage (AC.V) 1 minute	1500V			
Insulation resistance	> 500MΩ			
Protection level	IP65/IP67			
Durability	≥500times			
Working temperature	-40°C ~ 80°C			
Connecting mode	Easy locking type			
Assembly wire	Soldering/Crimping			

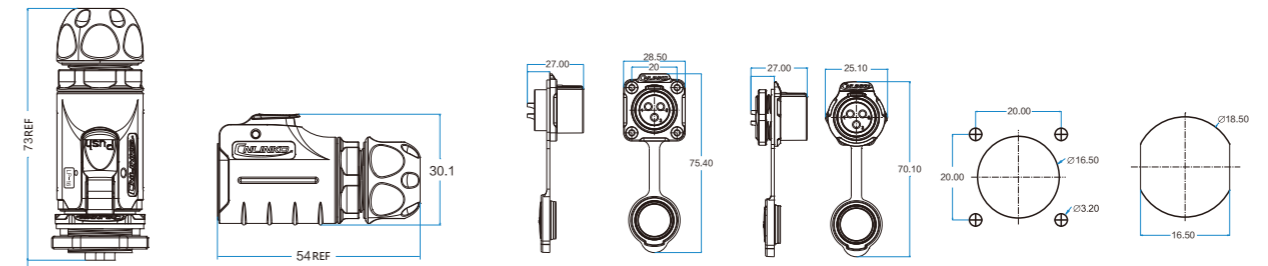
MATERIALS

Housing&insulation parts	High-performance engineering plastics
Hardware	Zinc alloy (pearl hard chrome)
cooper pins	Copper alloy (gold-plated 4U)
waterproof cover	Silica gel
Flammability rating	UL94-V0

CONNECTION SCHEMES



DIMENSION FIGURE



Dimensions figure

PE clamping cable plug (dimensions figure)

SX socket (dimensions figure)

Installation hole figure

LP-20

WATERPROOF CONNECTOR

INTRODUCTION

LP-20 Series connector is widely used in variety of challenging environments due to its high precision,high quality automatic insertion,self-locking devices and waterproof,
 In LED screen ,audio visual equipment,medical equipment,industrial control,testing and measurement equip-
 ment,AV system and others.



Male plug



female connector



Female socket

- 1: With multi-core design to fit with different industrial needs.
- 2: Alloy metal socket is with fully electromagnetic and radio frequency interference protection
- 3: With Gold-plated contact , Stronger corrosion resistance and conductivity,
- 4: PBT materials shell, stable electrical performance, pressure-resisting, high temperature resistance, anti-explosion, anti-corrosive
- 5: 2/3/4/5/7 pin for power, 9/12 pin for signal, power and signal can be compatible match
- 6: IP65/IP67 when mated.
- 7: Current rating: 5A/12A/20A rms
- 8: Please indicate if you need the protection level more high.



Female socket



Protective cover



Unique CNLINKO design



Gold-plating copper



Groove female design



Unique design reinforce lock

ORDER INFORMATION
PRODUCT NUMBER
LP-20 WATERPROOF
CONNECTOR



LP-20 MALE PLUG AND FEMALE SOCKET



LP-20 FEMALE PLUG AND MALE SOCKET



PICTURE AND PART NO.

Male plug&
Female socket



LP-20-C02PE-01-001 male plug



LP-20-C03PE-01-001 male plug



LP-20-C04PE-01-001 male plug



LP-20-J02PP-01-001 Female connector



LP-20-J03PP-01-001 Female connector



LP-20-J04PP-01-001 Female connector



LP-20-J02SX-01-001 female socket (flange)



LP-20-J03SX-01-004 female socket (flange)



LP-20-J04SX-01-001 female socket (flange)

Female plug&
Male socket



LP-20-J02PE-01-001 female plug



LP-20-J03PE-01-001 female plug



LP-20-J04PE-01-001 female plug



LP-20-C02PP-01-001 Male connector



LP-20-C03PP-01-001 Male connector



LP-20-C04PP-01-001 Male connector



LP-20-C02SX-01-001 male socket (flange)



LP-20-C03SX-01-004 male socket (flange)



LP-20-C04SX-01-001 male socket (flange)



Cable specification	2.5m m ² ~ 4m m ² / 14 ~ 12 AWG		
Diameter range	Φ8mm ~ Φ12mm		
Contact diameter × number	Φ2.7×2	Φ2.7×3	Φ2.7×4
Rated Current (A)	20A		
Operating voltage (AC.V.rms)	500V		
Contact resistance	<1mΩ		
Temperature rise	20A contact temperature below 30°C 25A.....40°C↓ , 30A.....50°C↓.		
Withstanding Voltage (AC.V) 1 minute	2500V		
Insulation resistance	> 500MΩ		
Protection level	IP65/IP67		
Durability	≥500times		
Working temperature	-40°C ~ 80°C		
Connecting mode	Easy locking type		
Assembly wire	Soldering/Crimping		

MATERIALS

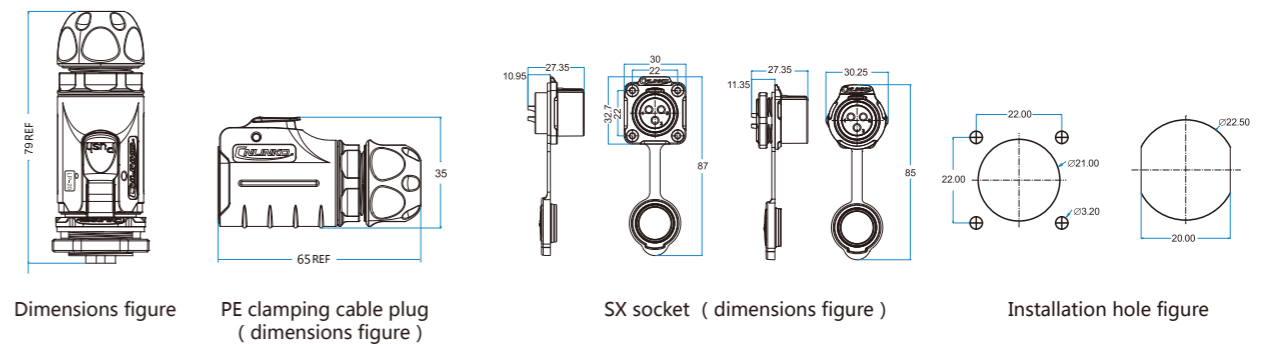
Housing&insulation parts	high-performance engineering plastics
Hardware	zinc alloy (pearl hard chrome)
cooper pins	copper alloy (gold-plated 4U)
waterproof cover	Silica gel
Flammability rating	UL94-V0

5Pin	7Pin	9Pin	12Pin
 LP-20-C05PE-01-001 male plug	 LP-20-C07PE-01-001 male plug	 LP-20-C09PE-01-001 male plug	 LP-20-C12PE-01-001 male plug
 LP-20-J05PP-01-001 Female connector	 LP-20-J07PP-01-001 Female connector	 LP-20-J09PP-01-001 Female connector	 LP-20-J12PP-01-001 Female connector
 LP-20-J05SX-01-001 female socket (flange)	 LP-20-J07SX-01-001 female socket (flange)	 LP-20-J09SX-01-004 female socket (flange)	 LP-20-J12SX-01-001 female socket (flange)
 LP-20-J05PE-01-001 female plug	 LP-20-J07PE-01-001 female plug	 LP-20-J09PE-01-001 female plug	 LP-20-J12PE-01-001 female plug
 LP-20-C05PP-01-001 Male connector	 LP-20-C07PP-01-001 Male connector	 LP-20-C09PP-01-001 Male connector	 LP-20-C12PP-01-001 Male connector
 LP-20-C05SX-01-001 male socket (flange)	 LP-20-C07SX-01-001 male socket (flange)	 LP-20-C09SX-01-004 male socket (flange)	 LP-20-C12SX-01-001 male socket (flange)
			
1.0m ² ~ 1.5m ² / 18 ~ 16 AWG Φ7mm ~ Φ9mm		0.15m ² ~ 0.2m ² / 26-24 AWG Φ5.5mm ~ Φ7mm	
Φ1.8×5		Φ1.0×9	
12A		5A	
500V		400V	
<2.5mΩ		<5mΩ	
12A.....30°C I , 15A.....40°C I , 20A.....50°C I.		/	
2500V		1500V	
> 500MΩ			
IP65/IP67			
≥500times			
-40°C ~ 80°C			
Easy locking type			
Soldering/Crimping			
high-performance engineering plastics			
zinc alloy (pearl hard chrome)			
copper alloy (gold-plated 4U)			
Silica gel			
UL94-V0			

CONNECTION SCHEMES



DIMENSION FIGURE



LP-24

WATERPROOF CONNECTOR

INTRODUCTION

LP-24 series contains RJ45,USB,Power and fiber optical. Using zinc alloy and other metal materials for socket,which meets the requirement of industrial equipment.

LP-24



ORDER INFORMATION
PRODUCT NUMBER
LP-24 WATERPROOF
CONNECTOR



3pin male plug



3pin female socket

LP24 power connector

- 1:Support 24mm mounting dimensions
- 2:With snap-fastener design to ensure safe and stable
- 3:With variety of styles to meet different industrial demands,including fibre optics, USB,RJ45 and power)
- 4:With stable multi-pins power and signal transmission.
- 5:Formed wire technology on pins to keep much stable while transmitting and temperature rising
- 6:With Soldering and Crimping for selection, it is completely comply with outdoor installation
- 7: Waterproof level: IP65/IP67
- 8: Certification: UL, CE,CCC, ROHS,IP67, ISO9001
- 9:Please contact sales if any special request.



Gold-plated copper pins



unique symbol



formed wire pins





plug



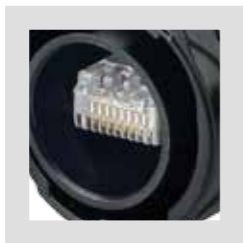
socket

LP24 RJ45

- 1: With low and stable contact resistance
- 2: Using Zinc alloy shell materials, high frequency noise immunity and electromagnetic interference protection
- 3: With snap-fastener design to ensure safe and stable
- 4: With unique direct-connected design to avoid PCB witching and PCB soldering
- 5: With soft and extension silica gel grommet design to protect the cable well
- 6: Waterproof level: IP65/IP67
- 7: Excluding rj45 crystal connector and patch cord
- 8: Please contact sales if any special request.



Snap-fastener button



Standard crystal connector



Model symbol



Plug



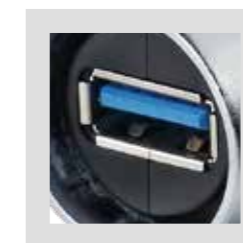
Socket

LP24 USB3.0 connector

- 1: USB3.0 fully be compatible with USB2.0
- 2: Using Zinc alloy shell materials, high frequency noise immunity and electromagnetic interference protection
- 3: With soft and extension silica gel grommet design to protect the cable well
- 4: Waterproof level: IP65/IP67
- 5: With 1M cable and easy operating
- 6: Please contact with sales if any special request



Snap-fastener button



standard USB3.0 port



clear model symbol

ORDER INFORMATION
PRODUCT NUMBER
LP-24 WATERPROOF
CONNECTOR



Optical fiber plug



Optical fiber plug

LP24 optical fiber connector

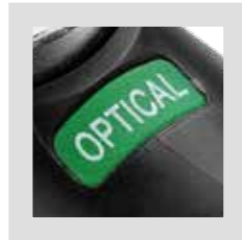
- 1:Durable and dust protection with dual-channels optical fiber connection system
- 2:With hard shell zinc alloy materials to protect the cable well
- 3:With different grommet for different diameter optical fiber cable, to ensure high fastening and stability to reduce tension and avoid the wastage or interrupt of optical fiber signal
- 4:Ensure high reliability on products life,moisture-proof,anti-pollution, self-cleaning with lower repairing cost.
- 5:Waterproof Level: IP65/67
- 6:Please contact with sales if any special request



Standard bayonet design



optical fiber port



model symbol

PRODUCT TYPE	3PIN POWER	3PIN POWER	4PIN POWER
PICTURE AND PART NO.	<p>LP-24-C03PE-01-001 3pin male plug(soldering)</p>	<p>LP-24-J03PE-01-001 3pin Female plug (soldering)</p>	<p>LP-24-C04PE-01-001 4pin male plug (soldering)</p>
	<p>LP-24-J03SX-01-001 3pin female socket(soldering)</p>	<p>LP-24-C03SX-01-001 3pin male socket(soldering)</p>	<p>LP-24-J04SX-01-001 4pin female socket(soldering)</p>

Cable specification	2.5m m~ 4m m /14 ~ 12 AWG		
Diameter range	Φ8mm ~ Φ12mm		
Contact diameter × number	3.0 x 3		3.0 x 4
Rated Current (A)	25A		
Operating voltage (AC.V.rms)	500V		
Contact resistance	<1mΩ		
Temperature rise	25A contact temperature below 30°C 30A.....40°C↓ , 35A.....50°C↓.		
Withstanding Voltage (AC.V) 1 minute	2500V		
Insulation resistance	> 500MΩ		
Protection level	IP65/IP67		
Durability	> 500times		
Working temperature	-40°C ~ 80°C		
Connecting mode	Easy locking type		
Assembly wire	Soldering/Crimping		
MATERIALS			
Housing&insulation parts	High-performance engineering plastics		
Hardware	Zinc alloy (pearl hard chrome)		
Cooper pins	Opper alloy (gold-plated 4U)		
Waterproof cover	Silica gel		
Flammability rating	UL94-V0		

10PIN POWER	12PIN POWER	19PIN POWER	24PIN POWER	PRODUCT TYPE	RJ45	USB	OPTICAL FIBER
				PICTURE AND PART NO.			
LP-24-C10PE-01-001 10pin male Plug (soldering)	LP-24-C12PE-01-001 12pin male Plug (soldering)	LP-24-C19PE-01-001 19pin male Plug (soldering)	LP-24-C24PE-01-001 24pin male Plug (soldering)			LP-24-RJ45-P01 Plug	LP-24-USB3.0-P01 Plug
LP-24-J10SX-01-001 10pin female socket(soldering)	LP-24-J12SX-01-001 12pin female socket(soldering)	LP-24-J19SX-01-001 19pin female socket(soldering)	LP-24-J24SX-01-001 24pin female socket(soldering)		LP-24-RJ45-S01 Socket	LP-24-USB3.0-S01 Socket	LP-24-F00SX-S01 Fibre optics socket

0.15m m ² ~ 0.2m m ² /26-24 AWG				Cable specification	0.15m m ² ~ 0.2m m ² /26-24 AWG		
Φ5.5mm ~ Φ7mm				Diameter range	Φ5.5mm ~ Φ7mm		
1.5x10	1.5x12	1.0x19	1.0x24	Contact diameter × number	8PIN	9PIN (3.0) & 4PIN (2.0)	2
10A	5A			Rated Current (A)	1.5A	/	
/	/			Operating voltage (AC.V.rms)	/	/	
<30mΩ	/			Contact resistance	<30mΩ	/	
10A contact temperature below 30°C 1A.....40°C↓ , 15A.....50°C↓.	/			Temperature rise	/	/	
2500V	1500V			Withstanding Voltage (AC.V) 1 minute	1000V	/	
> 500MΩ				Insulation resistance	> 500MΩ		
IP65/IP67				Protection level	IP65/IP67		
> 500times				Durability	> 500times		
-40°C ~ 80°C				Working temperature	-40°C ~ 80°C		
Easy locking type				Connecting mode	Easy locking type		
/				Assembly wire	/		
				MATERIALS			
High-performance engineering plastics				Housing&insulation parts			
Zinc alloy (pearl hard chrome)				Hardware			
Copper alloy (gold-plated 4U)				Copper pins			
Silica gel				Waterproof cover			
UL94-V0				Flammability rating			
				High-performance engineering plastics			
				Zinc alloy (pearl hard chrome)			
				Copper alloy (gold-plated 4U)			
				Silica gel			
				UL94-V0			

CONNECTION SCHEMES



CONNECTION SCHEMES LP-24USB



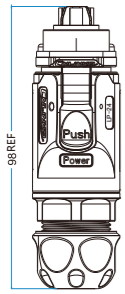
CONNECTION SCHEMES LP-24RJ45



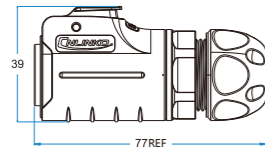
CONNECTION SCHEMES LP-24 OPTICAL FIBER



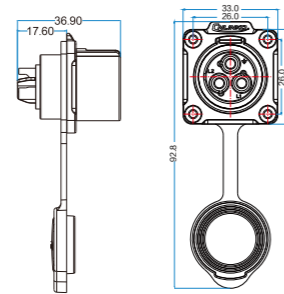
DIMENSION DRAWING



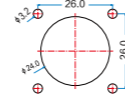
Dimensions figure



PE clamping cable plug
(dimensions figure)

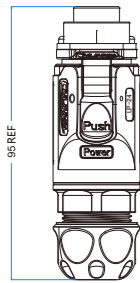


SX socket (dimensions figure)

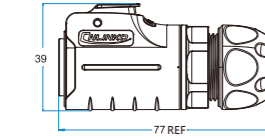


Installation hole figure

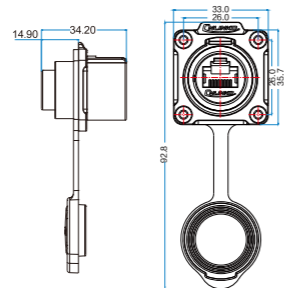
LP-24 RJ45



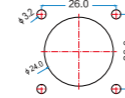
Dimensions figure



PE clamping cable plug
(dimensions figure)

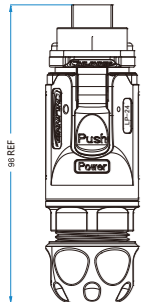


SX socket (dimensions figure)

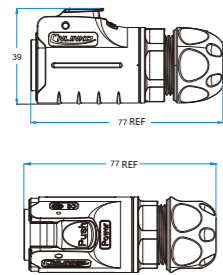


Installation hole figure

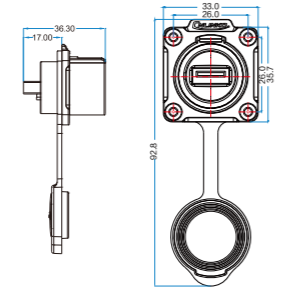
LP-24 USB



Dimensions figure



PE clamping cable plug
(dimensions figure)

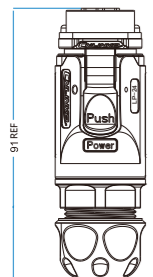


SX socket (dimensions figure)

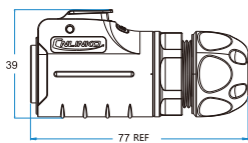


Installation hole figure

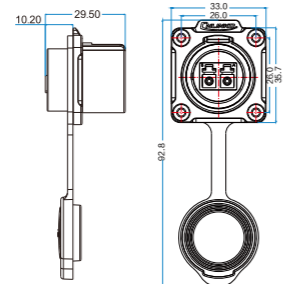
LP-24 optical fiber



Dimensions figure



PE clamping cable plug
(dimensions figure)



SX socket (dimensions figure)



Installation hole figure

DH-20 WATERPROOF CONNECTOR INTRODUCTION

DH20 serials waterproof connector, with unique wave spring design, standard card slot, rotary locking type and fashionable design to meet customer's demands, widely be used in LED display screen, industrial equipment, stage lighting equipment and other field.





Male plug



Female socket



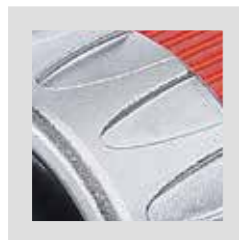
- 1:With alloy protective materials to reduce external electromagnetism and signal Radio frequency interference
- 2: With military standard screw type locking
- 3: colors are optional to be used in different environment
- 4: metal and silica gel cover are optional to be used in different environment
- 5: 2/3/4/5/7pin for power, 9/12pin for signal
- 6:Rated current: 5A/12A/20Arms
- 7:Waterproof level: IP65/IP67



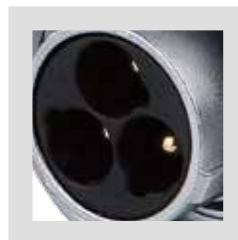
Coupler



Coupler



Sliding preventing design



















core protecting design



colors optional

Pin Number	2Pin	3Pin	4Pin	
PICTURE AND PART NO.	 DH-20-CO2PE-01-001 male plug DH-20-J02SX-01-001 female socket (french)	 DH-20-CO3PE-01-001 male plug DH-20-J03SX-01-001 female socket (french)	 DH-20-CO4PE-01-001 male plug DH-20-J04SX-01-001 female socket (french)	
	 DH-20-J02PE-01-001 female plug DH-20-C02SX-01-001 male socket (french)	 DH-20-J03PE-01-001 female plug DH-20-C03SX-01-001 male socket (french)	 DH-20-J04PE-01-001 female plug DH-20-C04SX-01-001 male socket (french)	
	Cable specification		2.5m ² ~ 4m ² /14 ~ 12 AWG	
	Diameter range		Φ8mm ~ Φ12mm	
	Contact diameter × number		Φ2.7×2	Φ2.7×3
Rated Current (A)		20A		
Operating voltage (AC.V.rms)		500V		
Contact resistance		<1mΩ		
Temperature rise		20A contact temperature below 30°C 25A.....40°C↓ , 30A.....50°C↓.		
Withstanding Voltage (AC.V) 1 minute		2500V		
Insulation resistance		> 500MΩ		
Protection level		IP65/IP67		
Durability		≥500times		
Working temperature		-40°C ~ 80°C		
Connecting mode		1/4 bayonet connecting type		
Assembly wire		Soldering/Crimping		
MATERIALS				
Housing&insulation parts		High-performance engineering plastics		
Hardware		Zinc alloy (pearl hard chrome)		
cooper pins		Copper alloy (gold-plated 4U)		
waterproof cover		Silica gel		
Flammability rating		UL94-V0		

DH-20 SERIES SPECIFICATIONS SHEET

Pin Number	5Pin	7Pin	9Pin	12Pin
PICTURE AND PART NO. Male plug& Female socket Female plug& Male socket	 DH-20-C05PE-01-001 male plug	 DH-20-C07PE-01-001 male plug	 DH-20-C09PE-01-001 male plug	 DH-20-C12PE-01-001 male plug
	 DH-20-J05SX-01-001 female socket (french)	 DH-20-J07SX-01-001 female socket (french)	 DH-20-J09SX-01-001 female socket (french)	 DH-20-J12SX-01-001 female socket (french)
	 DH-20-J05PE-01-001 female plug	 DH-20-J07PE-01-001 female plug	 DH-20-J09PE-01-001 female plug	 DH-20-J12PE-01-001 female plug
	 DH-20-C05SX-01-001 male socket (french)	 DH-20-C07SX-01-001 male socket (french)	 DH-20-C09SX-01-001 male socket (french)	 DH-20-C12SX-01-001 male socket (french)

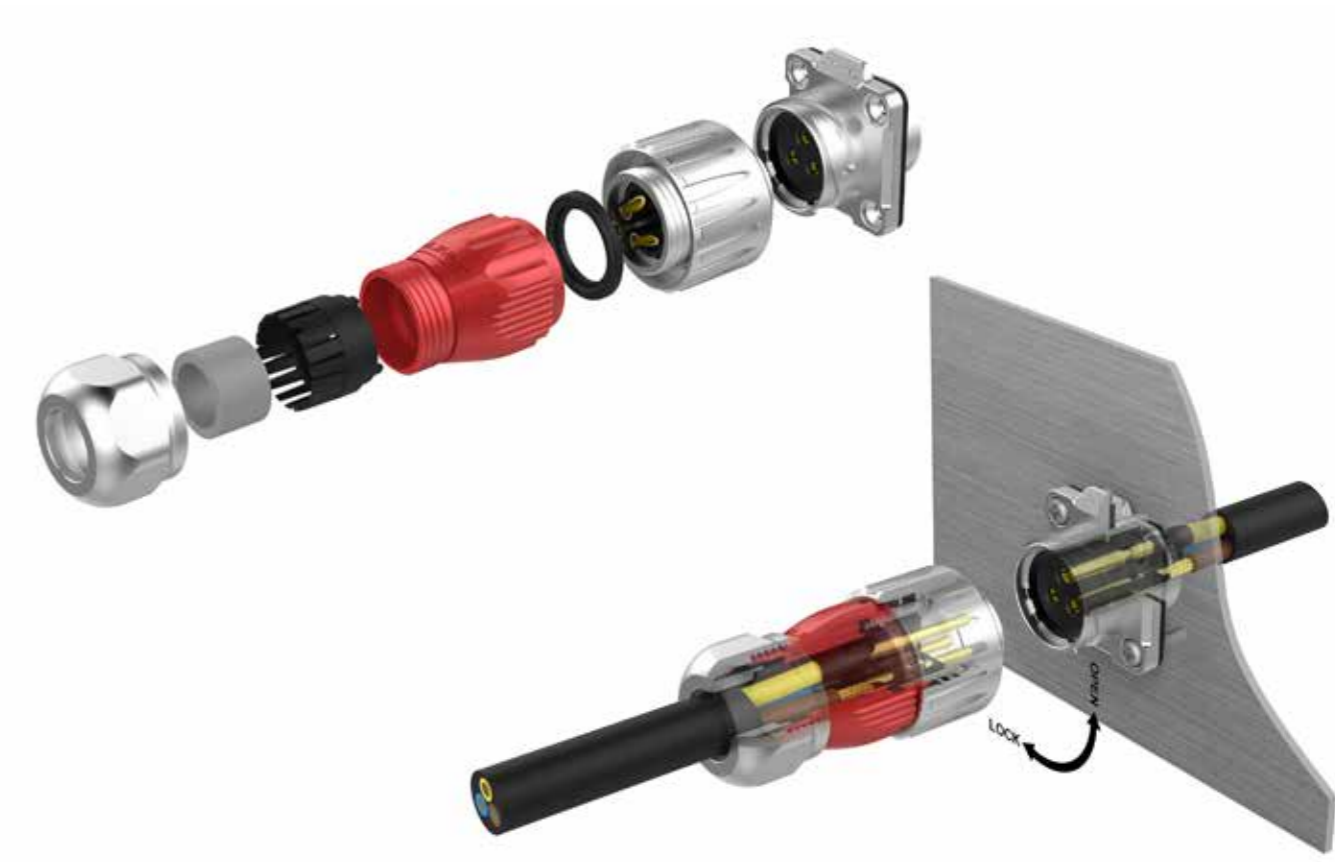


Cable specification	1.0m ² ~ 1.5m ² /18 ~ 16 AWG	0.15m ² ~ 0.2m ² /26-24 AWG		
Diameter range	Φ7mm ~ Φ9mm	Φ5.5mm ~ Φ7mm		
Contact diameter × number	Φ1.8×5	Φ1.8×7	Φ1.0×9	Φ1.0×12
Rated Current (A)	12A	5A		
Operating voltage (AC.V.rms)	500V	400V		
Contact resistance	<2.5mΩ	<5mΩ		
Temperature rise	12A 30°C 15A.....40°C↓ , 20A.....50°C↓.	/		
Withstanding Voltage (AC.V) 1 minute	2500V			
Insulation resistance	> 500MΩ			
Protection level	IP65/IP67			
Durability	≥500times			
Working temperature	-40°C ~ 80°C			
Connecting mode	1/4 bayonet connecting type			
Assembly wire	Soldering/Crimping			

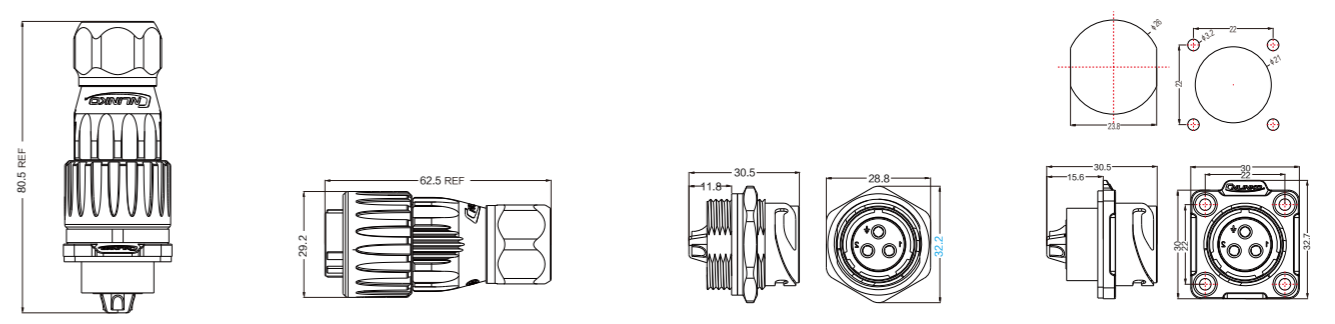
MATERIALS

Housing&insulation parts	High-performance engineering plastics
Hardware	Zinc alloy (pearl hard chrome)
Cooper pins	Copper alloy (gold-plated 4U)
Waterproof cover	Silica gel
Flammability rating	UL94-V0

CONNECTION SCHEMES



DIMENSION FIGURE



Dimensions figure PE clamping cable plug (dimensions figure) SX socket (dimensions figure) Installation hole figure

DH-24

WATERPROOF CONNECTOR

INTRODUCTION

DH24 serials waterproof connector includes power, signal, USB and optical fiber ,which is with alloy metal shell, unique design and rotary locking type to meet different industrial requirement, widely be used in LED display screen, industrial equipment, stage lighting equipment and other field.



color identification



screw type locking

- 1:Support 24mm mounting dimensions
- 2: With military standard screw type locking
- 3: With different colors for Power,USB,optical fiber and RJ45 to be easily separated
- 4:With alloy protective materials to reduce external electromagnetism and signal Radio frequency interference
- 5:metal and silica gel cover are optional to be used in different environment
- 6:USB connector with 0.5m cable length, and also be customized
- 7:Waterproof level: IP65/IP67



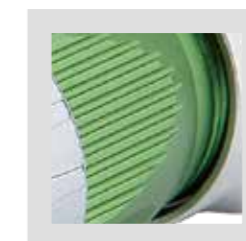
Coupler



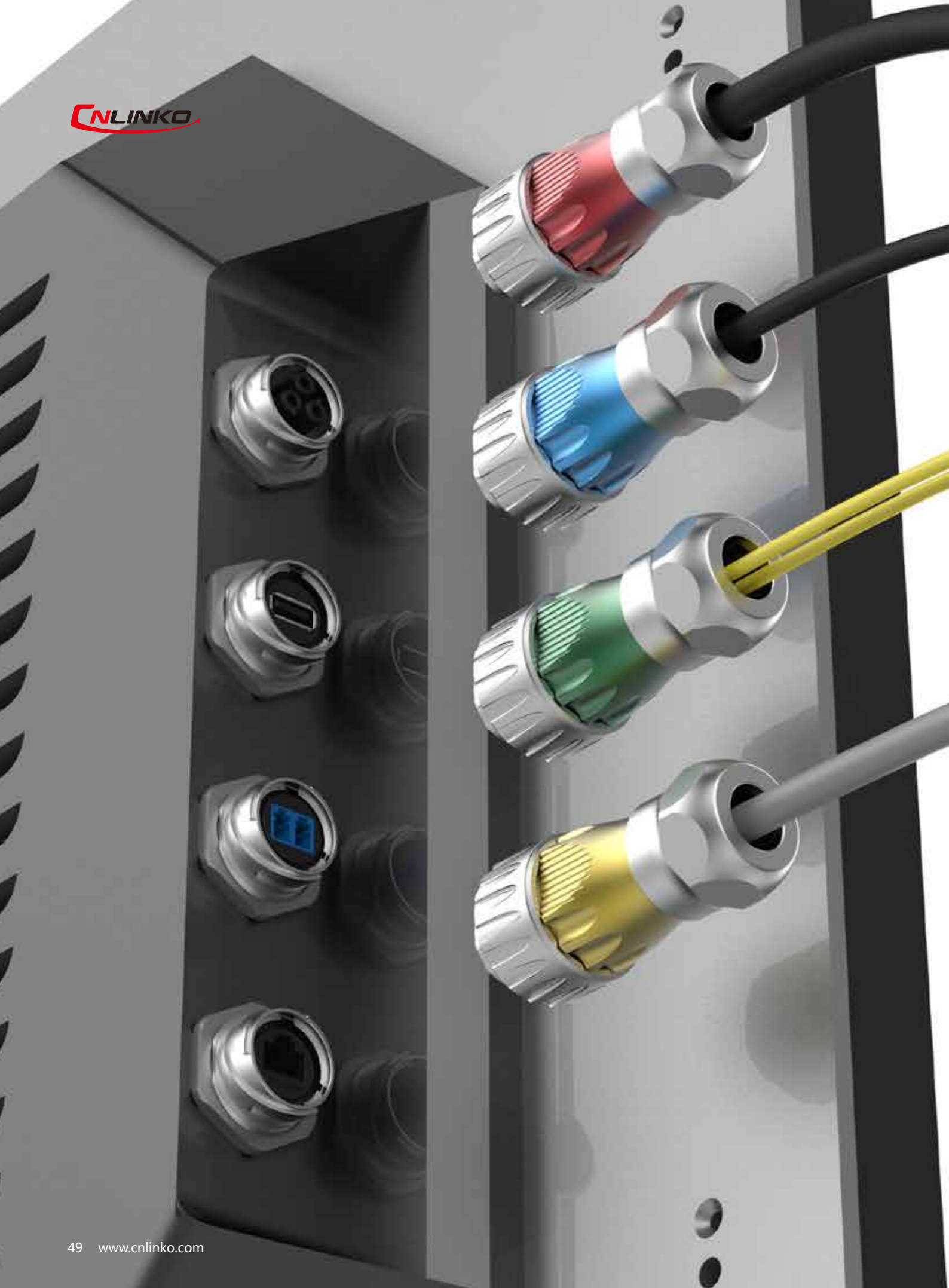
silica gel dust cover



sliding preventing design



colors optional



TYPE OF PRODUCT	3 PIN POWER	3 PIN POWER	4 PIN POWER
PICTURE AND PART NO.	 DH-24-C03PE-01-001 3Pins male plug(solder)	 DH-24-J03PE-01-001 3Pins Female plug(solder)	 DH-24-C04PE-01-001 4Pins male plug(solder)
	 DH-24-J03SX-01-001 3Pins Female socket(solder)	 DH-24-C03SX-01-001 3Pins Male socket (solder)	 DH-24-J04SX-01-001 4Pins Female socket (solder)

Cable specification	2.5m ² ~ 4m ² / 14 ~ 12 AWG		
Diameter range	Φ8mm ~ Φ12mm		
Contact diameter × number	3.0 x 3		3.0x4
Rated Current (A)	25A		
Operating voltage (AC.V.rms)	500V		
Contact resistance	<1mΩ		
Temperature rise	20A contact temperature below 30°C 25A.....40°CI , 30A.....50°CI.		
Withstanding Voltage (AC.V) 1 minute	2500V		
Insulation resistance	> 500MΩ		
Protection level	IP65/IP67		
Durability	> 500times		
Working temperature	-40°C ~ 80°C		
Connecting mode	Easy locking type		
Assembly wire	Soldering/Crimping		

MATERIALS	
Housing&insulation parts	High-performance engineering plastics
Hardware	Zinc alloy (pearl hard chrome)
Cooper pins	Copper alloy (gold-plated 4U)
Waterproof cover	Silica gel
Flammability rating	UL94-V0

DH-24 SERIES SPECIFICATIONS SHEET

TYPE OF PRODUCT	10 PIN POWER	12 PIN POWER	19 PIN POWER	24 PIN POWER	RJ45	USB	FIBRE OPTICS
PICTURE AND PART NO.							
	DH-24-C10PE-01-001 10Pins male plug(solder)	DH-24-C12PE-01-001 12Pins male plug(solder)	DH-24-C19PE-01-001 19Pins male plug(solder)	DH-24-C24PE-01-001 24Pins male plug(solder)	DH-24-RJ45-P01 Plug	DH-24-USB3.0-P01 Plug	DH-24-F00PE-P01 Fibre optics plug
PICTURE AND PART NO.							
	DH-24-J10SX-01-001 10Pins Female socket(solder)	DH-24-J12SX-01-001 12Pins Female socket(solder)	DH-24-J19SX-01-001 19Pins Female socket(solder)	DH-24-J24SX-01-001 24Pins Female socket(solder)	DH-24-RJ45-S01 Socket	DH-24-USB3.0-S01 Socket	DH-24-F00SX-S01 Fibre optics socket

Cable specification	2.5mm ² ~ 4mm ² / 14 ~ 12 AWG				0.15mm ² ~ 0.2mm ² / 26-24 AWG		
Diameter range	Φ8mm ~ Φ12mm				Φ5.5mm ~ Φ7mm		
Contact diameter × number	3.0 x 10	3.0 x 12	3.0 x 19	3.0 x 24	8PIN	9PIN (3.0) & 4PIN (2.0)	2
Rated Current (A)	10A		5A	5A	1.5A		/
Operating voltage (AC.V.rms)	400V		250V	250V	/		/
Contact resistance	<2.5mΩ		<5mΩ	<5mΩ	<30mΩ		/
Temperature rise	10A contact temperature below 30°C 25A.....40°C↓ , 30A.....50°C↓.				/		/
Withstanding Voltage (AC.V) 1 minute	2500V		1500V	1500V	1000V		/
Insulation resistance	> 500MΩ				> 500MΩ		
Protection level	IP65/IP67				IP65/IP67		
Durability	> 500times				> 500times		
Working temperature	-40°C ~ 80°C				-40°C ~ 80°C		
Connecting mode	Easy locking type				Easy locking type		
Assembly wire	Soldering/Crimping				/		
MATERIALS							
Housing&insulation parts	High-performance engineering plastics				High-performance engineering plastics		
Hardware	Zinc alloy (pearl hard chrome)				Zinc alloy (pearl hard chrome)		
Cooper pins	Copper alloy (gold-plated 4U)				Copper alloy (gold-plated 4U)		
Waterproof cover	Silica gel				Silica gel		
Flammability rating	UL94-V0				UL94-V0		

CONNECTION SCHEMES



Power plug

power socket

waterproof cover

- 1: Lockable 3 pole equipment (AC) connector with contacts for line, neutral and pre-mating safety ground
- 2: High current capacity, rated at 20A/250V ac
- 3: Color coded for easy identification, powercon offers power-in (blue) and power-out (gray) versions with different keying to avoid the possibility of intermating
- 4: Fast and easy locking system
- 5: Extremely robust and reliable
- 6: New latch design for easier handling and secure locking
- 7: IP44/IP65 are optional
- 8: Rated current: 20A rms



YF power converter (gray) (Right IP44)



YF power converter (blue) (Left IP44)



Quick lock



locking area on chassis connector

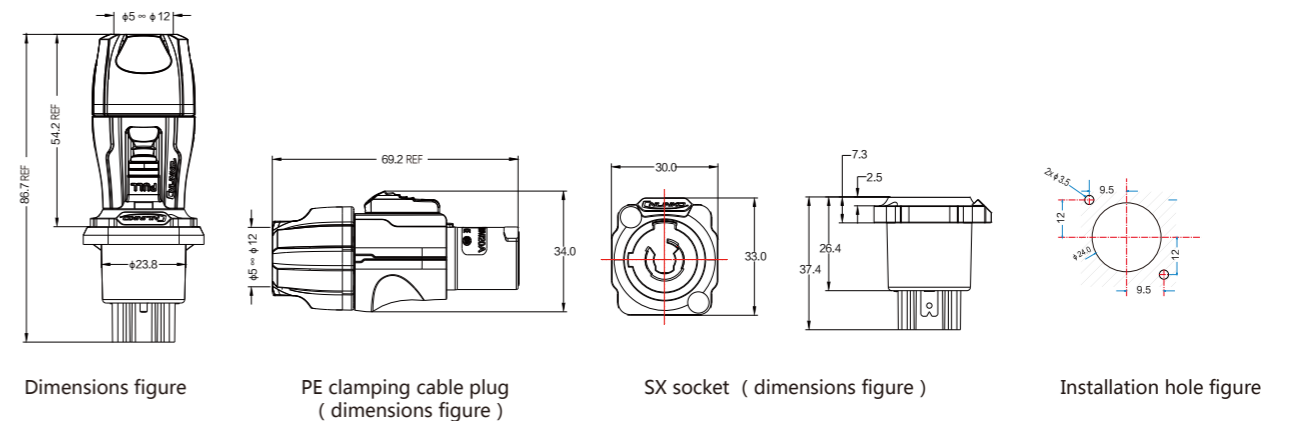


locking area on chassis connector



waterproof grommet

DIMENSION FIGURE



Dimensions figure

PE clamping cable plug (dimensions figure)

SX socket (dimensions figure)

Installation hole figure

YF-24 SERIES SPECIFICATIONS SHEET

PICTURE AND PART NO. Female plug & Male socket	 <p>YF-24-J03PE-06-001 Female plug(IP44)</p>	 <p>YF-24-J03PE-04-001 Female plug(IP65)</p>	 <p>YF-24-C03PE-03-001 Male plug(IP44)</p>	 <p>YF-24-C03PE-04-001 Male plug (IP65)</p>
	 <p>YF-24-C03SX-06-001 Male socket(IP44)</p>	 <p>YF-24-C03SX-04-001 Male socket(IP65)</p>	 <p>YF-24-J03SX-03-001 Female socket (IP44)</p>	 <p>YF-24-J03SX-04-001 Female socket(IP65)</p>
	 <p>YF-24-C03SX-01-200 power converter(Gray)</p>		 <p>YF-24-J03SX-01-200 YF power converter(Blue)</p>	 <p>YF-24-J03SX-03-200 YF power converter (Gray+Blue IP44)</p>

Cable specification	2.5mm ² ~ 4mm ² / 14 ~ 12 AWG	2.5mm ² / 14 AWG	2.5mm ² ~ 4mm ² / 14 ~ 12 AWG
Diameter range	Φ8mm ~ Φ12mm	Φ8mm ~ Φ10mm	Φ8mm ~ Φ12mm
Contact diameter × number	Φ2.0×3		Φ2.0×3
Rated Current (A)	20A		20A
Operating voltage (AC.V.rms)	500V		500V
Contact resistance	< 3mΩ		< 3mΩ
Temperature rise	20A contact temperature below 30°C 25A.....40°C↓ , 30A.....50°C↓.		12A.....30°C↓ , 15A.....40°C↓ , 20A.....50°C↓.
Withstanding Voltage (AC.V) 1 minute	2500V		2500V
Insulation resistance	> 500MΩ		> 500MΩ
Protection level	IP44		IP44
Durability	> 500times		> 500times
Working temperature	-40°C ~ 80°C		-40°C ~ 80°C
Connecting mode	Easy locking type		Easy locking type
Assembly wire	Soldering		Soldering

MATERIALS			
Housing&insulation parts	High-performance engineering plastics		High-performance engineering plastics
Hardware	Zinc alloy (pearl hard chrome)		Zinc alloy (pearl hard chrome)
Cooper pins	Copper alloy (gold-plated 4U)		Copper alloy (gold-plated 4U)
Waterproof cover	Silica gel		Silica gel
Flammability rating	UL94-V0		UL94-V0

YA-20

WATERPROOF CONNECTOR

INTRODUCTION

YA-20 serials connector is with unique bayonet locking type design, rotary locking, which is easy to operate and widely used in LED display screen, Audio, commerce, entertainment, stage equipment, DMX lighting, Industrial equipment. It is including plug and socket with soldering for cable to ensure easy and reliable fully connected.



Male plug



Female socket



Waterproof gasket

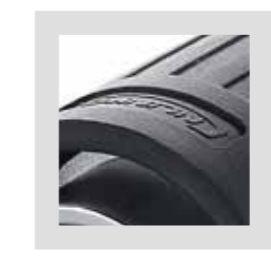
- 1: With multi-core design to fit with different industrial needs.
- 2: Alloy metal socket is with fully electromagnetic and radio frequency interference protection
- 3: with Gold-plated contact , Stronger corrosion resistance and conductivity,
- 4: PBT materials shell, stable electrical performance, pressure-resisting, high temperature resistance, anti-explosion, anti-corrosive
- 5: 2/3/4/5/7 pin for power, 9/12 pin for signal, power and signal can be compatible match
- 6: Waterproof level: IP65/IP67
- 7: Current rating: 5A/12A/20A rms
- 8: 1/4 bayonet connector



Dustproof and Protective cover






































Zinc alloy thread and gold-plated copper contact



1/4 bayonet connector



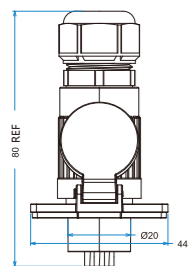
YA-20 SERIES SPECIFICATIONS SHEET

PINS		2PINS	3PINS	4PINS	5PINS	7PINS	9PINS	12PINS
PICTURE AND PART NO.	Male plug& Female socket	 YA-20-C02PE-03-001 male plug	 YA-20-C03PE-03-001 male plug	 YA-20-C04PE-03-001 male plug	 YA-20-C05PE-03-001 male plug	 YA-20-C07PE-03-001 male plug	 YA-20-C09PE-03-001 male plug	 YA-20-C12PE-03-001 male plug
		 YA-20-J02SX-01-001 female socket	 YA-20-J03SX-01-001 female socket	 YA-20-J04SX-01-001 female socket	 YA-20-J05SX-01-001 female socket	 YA-20-J07SX-01-001 female socket	 YA-20-J09SX-01-001 female socket	 YA-20-J12SX-01-001 female socket
	Female plug& Male socket	 YA-20-J02PE-03-001 female plug	 YA-20-J03PE-03-001 female plug	 YA-20-J04PE-03-001 female plug	 YA-20-J05PE-03-001 female plug	 YA-20-J07PE-03-001 female plug	 YA-20-J09PE-03-001 female plug	 YA-20-J12PE-03-001 female plug
		 YA-20-C02SX-01-001 male socket	 YA-20-C03SX-01-001 male socket	 YA-20-C04SX-01-001 male socket	 YA-20-C05SX-01-001 male socket	 YA-20-C07SX-01-001 male socket	 YA-20-C09SX-01-001 male socket	 YA-20-C12SX-01-001 male socket
								
Cable specification	2.5mm ² ~ 4mm ² / 14 ~ 12 AWG			1.0mm ² ~ 1.5mm ² / 18 ~ 16 AWG		0.15mm ² ~ 0.2mm ² / 26-24 AWG		
Diameter range	Φ8mm ~ Φ12mm			Φ7mm ~ Φ9mm		Φ5.5mm ~ Φ7mm		
Contact diameter × number	Φ2.7×2	Φ2.7×3	Φ2.7×4	Φ1.8×5	Φ1.8×7	Φ1.0×9	Φ1.0×12	
Rated Current (A)	20A			12A		5A		
Operating voltage (AC.V.rms)	500V			500V		400V		
Contact resistance	<1mΩ			<2.5mΩ		<5mΩ		
Temperature rise	20A contact temperature below 30°C 25A.....40°C↓, 30A.....50°C↓.			12A.....30°C↓, 15A.....40°C↓, 20A.....50°C↓.		/		
Withstanding Voltage (AC.V) 1 minute	2500V			2500V		1500V		
Insulation resistance	> 500MΩ			> 500MΩ		> 500MΩ		
Protection level	IP65/IP67			IP65/IP67		IP65/IP67		
Durability	> 500times			> 500times		> 500times		
Working temperature	-40°C ~ 80°C			-40°C ~ 80°C		-40°C ~ 80°C		
connecting mode	1/4 bayonet connecting type			1/4 bayonet connecting type		1/4 bayonet connecting type		
assembly wire	Soldering			Soldering		Soldering		
MATERIALS								
Housing&insulation parts	High-performance engineering plastics			High-performance engineering plastics		High-performance engineering plastics		
Hardware	Zinc alloy (pearl hard chrome)			Zinc alloy (pearl hard chrome)		Zinc alloy (pearl hard chrome)		
Cooper pins	Copper alloy (gold-plated 4U)			Copper alloy (gold-plated 4U)		Copper alloy (gold-plated 4U)		
Waterproof cover	Silica gel			Silica gel		Silica gel		
Flammability rating	UL94-V0			UL94-V0		UL94-V0		

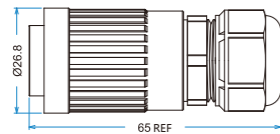
CONNECTION SCHEMES



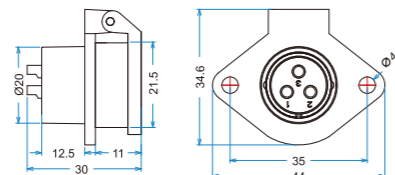
DIMENSION FIGURE



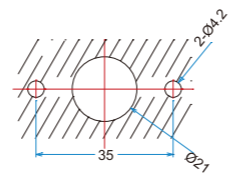
Dimensions figure



PE clamping cable plug
(dimensions figure)



SX socket (dimensions figure)



Installation hole figure

YP-20 WATERPROOF CONNECTOR

INTRODUCTION

YP-20 series be widely used in Led Display and LED lighting equipment, Due to snap quickly plug/unplug, connection security, convenient and easy to operate, high safety performance and with multi-core industrial use to meet the need.





Male plug



Female socket



3pin male socket+female socket.



Protective cover cushion



Zinc Alloy Snap



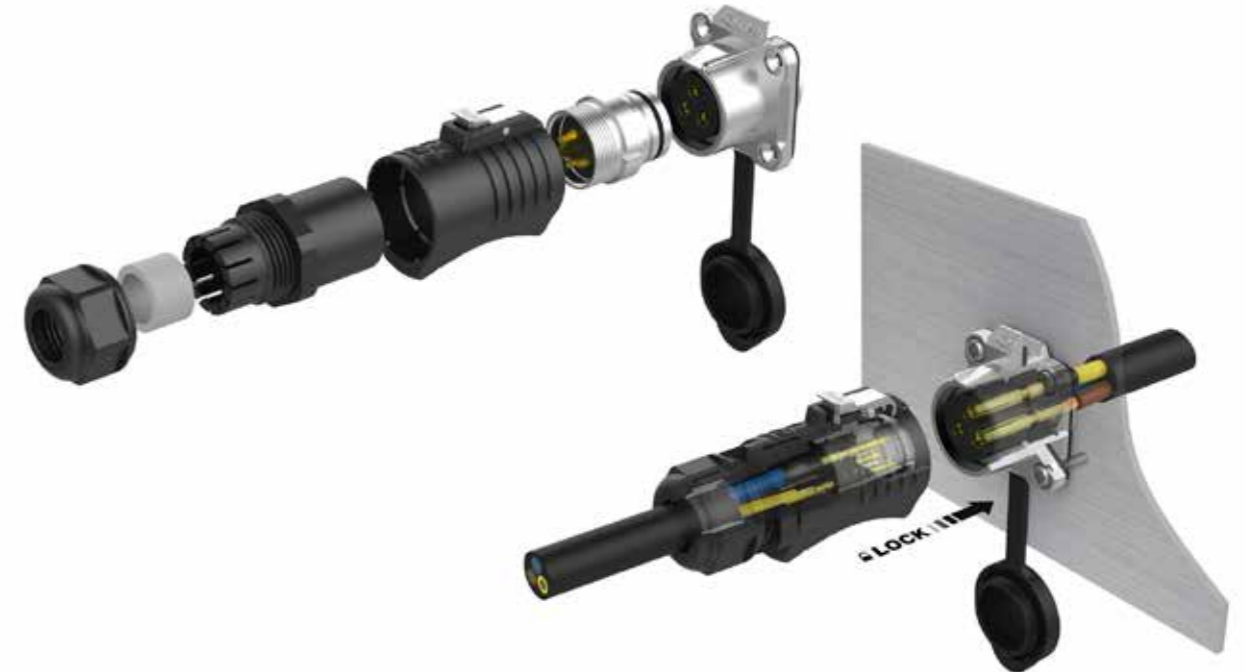
Gold-plated Copper Male



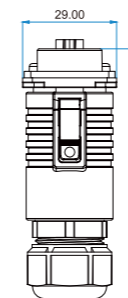
Gold-plated Copper Female

- 1: Multi-core design styles (2-12 cores), in line with the diversity of industrial demand, signal and power compatible match
- 2: Socket and internal components zinc alloy material, with a complete electromagnetic and radio frequency interference protection
- 3: Gold-plated contacts, high-strength corrosion resistance and electrical conductivity, effective response to temperature changes in current
- 4: PBT material shell, stable electrical performance, high strength and resistance to pressure, high temperature resistance, anti-explosion, anti-corrosive
- 5: Unique LINKO clip fastening clamp-style jacket design
- 6: 4-hole mounting, solid perfect
- 7: 5A/12A/20A rms rated current
- 8: Protection Level: IP65/ IP67

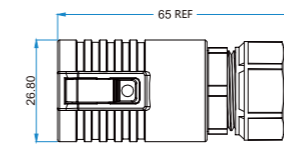
CONNECTION SCHEMES



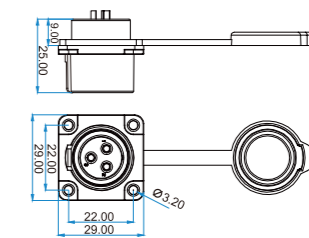
DIMENSION FIGURE



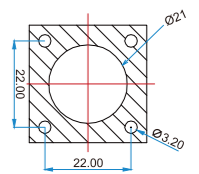
Dimensions figure



PE clamping cable plug (dimensions figure)
















SX socket (dimensions figure)



Installation hole figure

YP-20 SERIES SPECIFICATIONS SHEET

PINS		2PINS	3PINS	4PINS	5PINS	7PINS	9PINS	12PINS
PICTURE AND PART NO.	Male plug& Female socket	 YP-20-C02PE-01-001 male plug	 YP-20-C03PE-01-001 male plug	 YP-20-C04PE-01-001 male plug	 YP-20-C05PE-01-001 male plug	 YP-20-C07PE-01-001 male plug	 YP-20-C09PE-01-001 male plug	 YP-20-C12PE-01-001 male plug
		 LP-20-J02SX-01-001 female socket	 LP-20-J03SX-01-001 female socket	 LP-20-J04SX-01-001 female socket	 LP-20-J05SX-01-001 female socket	 LP-20-J07SX-01-001 female socket	 LP-20-J09SX-01-001 female socket	 LP-20-J12SX-01-001 female socket
	Female plug& Male socket	 YP-20-J02PE-01-001 female plug	 YP-20-J03PE-01-001 female plug	 YP-20-J04PE-01-001 female plug	 YP-20-J05PE-01-001 female plug	 YP-20-J07PE-01-001 female plug	 YP-20-J09PE-01-001 female plug	 YP-20-J12PE-01-001 female plug
		 LP-20-C02SX-01-001 male socket	 LP-20-C03SX-01-001 male socket	 LP-20-C04SX-01-001 male socket	 LP-20-C05SX-01-001 male socket	 LP-20-C07SX-01-001 male socket	 LP-20-C09SX-01-001 male socket	 LP-20-C12SX-01-001 male socket
								
Cable specification	2.5mm ² ~ 4mm ² / 14 ~ 12 AWG			1.0mm ² ~ 1.5mm ² / 18 ~ 16 AWG			0.15mm ² ~ 0.2mm ² / 26-24 AWG	
Diameter range	Φ8mm ~ Φ12mm			Φ7mm ~ Φ9mm			Φ5.5mm ~ Φ7mm	
Contact diameter × number	Φ2.7×2	Φ2.7×3	Φ2.7×4	Φ1.8×5		Φ1.8×7	Φ1.0×9	Φ1.0×12
Rated Current (A)	20A			12A			5A	
Operating voltage (AC.V.rms)	500V			500V			400V	
Contact resistance	<1mΩ			<2.5mΩ			<5mΩ	
Temperature rise	20A contact temperature below 30°C 25A.....40°C↓, 30A.....50°C↓.			12A.....30°C↓, 15A.....40°C↓, 20A.....50°C↓.			/	
Withstanding Voltage (AC.V) 1 minute	2500V			2500V			1500V	
Insulation resistance	> 500MΩ			> 500MΩ			> 500MΩ	
Protection level	IP65/IP67			IP65/IP67			IP65/IP67	
Durability	≥500 times			≥500 times			≥500 times	
Working temperature	-40°C ~ 80°C			-40°C ~ 80°C			-40°C ~ 80°C	
Connecting mode	Easy locking type			Easy locking type			Easy locking type	
Assembly wire	Soldering/Crimping			Soldering/Crimping			Soldering/Crimping	
MATERIALS								
Housing&insulation parts	High-performance engineering plastics			High-performance engineering plastics			High-performance engineering plastics	
Hardware	Zinc alloy (pearl hard chrome)			Zinc alloy (pearl hard chrome)			Zinc alloy (pearl hard chrome)	
Cooper pins	Copper alloy (gold-plated 4U)			Copper alloy (gold-plated 4U)			Copper alloy (gold-plated 4U)	
Waterproof cover	Silica gel			Silica gel			Silica gel	
Flammability rating	UL94-V0			UL94-V0			UL94-V0	

YM-20 | INTRODUCTION

WATERPROOF CONNECTOR

YM-20 series connectors, using high-end injection molding PBT material, ensuring stable performance, multi-core design of the product, while meeting the needs of a number of power and signal equipment, the central shell distinctive logo, highlighting the latest design cnlinko.



Male plug



Female socket

- 1: Multi-core design styles (2-12 cores), in line with the diversity of industrial demand, signal and power compatible match
- 2: PBT material of the protective housing, with characters of fire safety, compression, anti-explosion and anti-deformation
- 3: Gold-plated contacts, high-strength corrosion resistance and electrical conductivity, effective response to temperature changes in current
- 4: 1/4 Quick bayonet coupling, simple operation, easy installation
- 5: Dustproof cover design under off-working condition
- 6: 5A/12A/20A rms current rating
- 7: Protection level:IP65/IP67








Symbol of locked plug



Gold plated copper pins

YM-20 SERIES SPECIFICATIONS SHEET

PINS		2PINS	3PINS	4PINS	5PINS	7PINS	9PINS	12PINS
PICTURE AND PART NO.	Male plug & Female socket	 YM-20-C02PE-01-001 male plug	 YM-20-C03PE-01-001 male plug	 YM-20-C04PE-01-001 male plug	 YM-20-C05PE-01-001 male plug	 YM-20-C07PE-01-001 male plug	 YM-20-C09PE-01-001 male plug	 YM-20-C12PE-01-001 male plug
		 YM-20-J02SX-01-001 female socket	 YM-20-J03SX-01-001 female socket	 YM-20-J04SX-01-001 female socket	 YM-20-J05SX-01-001 female socket	 YM-20-J07SX-01-001 female socket	 YM-20-J09SX-01-001 female socket	 YM-20-J12SX-01-001 female socket
	Female plug & Male socket	 YM-20-J02PE-01-001 female plug	 YM-20-J03PE-01-001 female plug	 YM-20-J04PE-01-001 female plug	 YM-20-J05PE-01-001 female plug	 YM-20-J07PE-01-001 female plug	 YM-20-J09PE-01-001 female plug	 YM-20-J12PE-01-001 female plug
		 YM-20-C02SX-01-001 male socket	 YM-20-C03SX-01-001 male socket	 YM-20-C04SX-01-001 male socket	 YM-20-C05SX-01-001 male socket	 YM-20-C07SX-01-001 male socket	 YM-20-C09SX-01-001 male socket	 YM-20-C12SX-01-001 male socket
								
Cable specification	2.5m ^m ~ 4m ^m /14-12AWG			1.0m ^m ~ 1.5m ^m /18 ~ 16 AWG		0.15m ^m ~ 0.2m ^m /26-24 AWG		
Diameter range	Φ8mm ~ Φ12mm			Φ7mm ~ Φ9mm		Φ5.5mm ~ Φ7mm		
Contact diameter × number	Φ2.7×2	Φ2.7×3	Φ2.7×4	Φ1.8×5	Φ1.8×7	Φ1.0×9	Φ1.0×12	
Rated Current (A)	20A			12A		5A		
Operating voltage (AC.V.rms)	500V			500V		400V		
Contact resistance	<1mΩ			<2.5mΩ		<5mΩ		
Temperature rise	(20A contact temperature below 30°C), 25A.....40°C↓, 30A.....50°C↓.			12A.....30°C↓, 15A.....40°C↓, 20A.....50°C↓.		/		
Withstanding Voltage (AC.V) 1 minute	2500V			2500V		1500V		
Insulation resistance	> 500MΩ			> 500MΩ		> 500MΩ		
Protection level	IP65/IP67			IP65/IP67		IP65/IP67		
Durability	≥500 times			≥500 times		≥500 times		
Working temperature	-40°C ~ 80°C			-40°C ~ 80°C		-40°C ~ 80°C		
Connecting mode	1/4 bayonet connect			1/4 bayonet connect		1/4 bayonet connect		
Assembly wire	Soldering/Crimping			Soldering/Crimping		Soldering/Crimping		
MATERIALS								
Housing&insulation parts	High-performance engineering plastics			High-performance engineering plastics		High-performance engineering plastics		
Hardware	Zinc alloy (pearl hard chrome)			Zinc alloy (pearl hard chrome)		Zinc alloy (pearl hard chrome)		
Cooper pins	Copper alloy (gold-plated 4U)			Copper alloy (gold-plated 4U)		Copper alloy (gold-plated 4U)		
Waterproof cover	Silica gel			Silica gel		Silica gel		
Flammability rating	UL94-V0			UL94-V0		UL94-V0		

CONNECTION SCHEMES

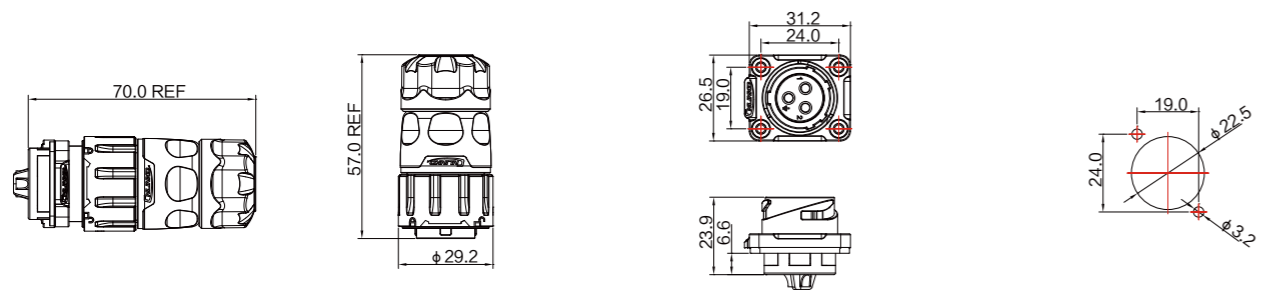


YW-20 | INTRODUCTION

WATERPROOF CONNECTOR

YW-20 waterproof connector, zinc alloy shell, effective safety and signal shielding, using the locking screw, more secure and reliable.

DIMENSION FIGURE



Dimensions figure

PE clamping cable plug
(dimensions figure)

SX socket (dimensions figure)

Installation hole figure





Male plug



Female socket

- 1: All zinc alloy shell, complete with electromagnetic and radio frequency interference protection, while meeting the needs of high-end products to match
- 2: Outer screw locking device, a solid safety
- 3: 16MM and 20MM optional mounting dimensions
- 4: Quick and easy nut locking system design
- 5: Hanging dust cover design avoid matters; high safe performance, easy to operate
- 6: 2-12 pins for choice
- 7: 5A/12A/20A rms rated current
- 8: Slip-resistant outer circle



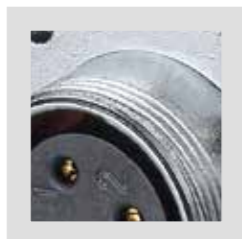
Protective cover



Silicone gasket



Zinc alloy shell



revolve screw thread

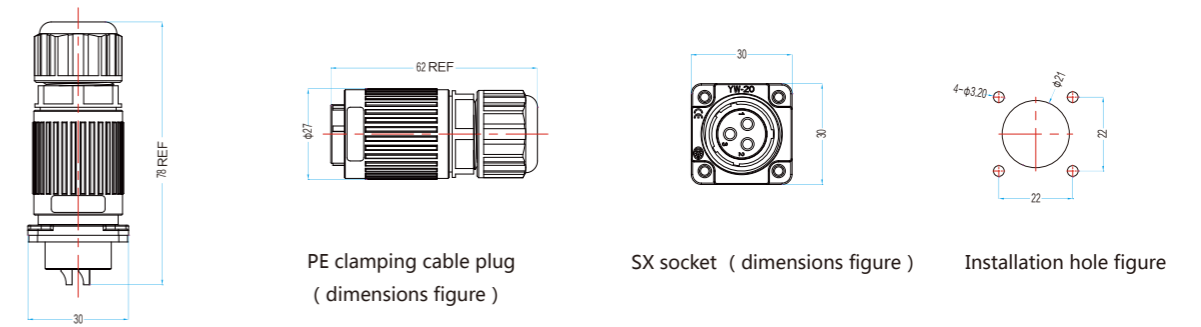


gold- plated copper pins

CONNECTION SCHEMES



DIMENSION FIGURE



Dimensions figure

PE clamping cable plug (dimensions figure)

SX socket (dimensions figure)

Installation hole figure

YW-20 SERIES SPECIFICATIONS SHEET

PINS		2PINS	3PINS	4PINS	5PINS	7PINS	9PINS	12PINS
PICTURE AND PART NO.	Male plug & Female socket							
								
	Female plug & Male socket							
								
								
Cable specification	2.5m ^m ~ 4m ^m / 14 ~ 12 AWG			1.0m ^m ~ 1.5m ^m / 18 ~ 16 AWG		0.15m ^m ~ 0.2m ^m / 26-24 AWG		
Diameter range	Φ8mm ~ Φ12mm			Φ7mm ~ Φ9mm		Φ5.5mm ~ Φ7mm		
Contact diameter × number	Φ2.7×3	Φ2.7×3	Φ2.7×4	Φ1.8×5	Φ1.8×7	Φ1.0×9	Φ1.0×12	
Rated Current (A)	20A			12A		5A		
Operating voltage (AC.V.rms)	500V			500V		400V		
Contact resistance	<1mΩ			<2.5mΩ		<5mΩ		
Temperature rise	20A contact temperature below 30°C 25A.....40°C, 30A.....50°C.			12A.....30°C, 15A.....40°C, 20A.....50°C.		/		
Withstanding Voltage (AC.V) 1 minute	2500V			2500V		1500V		
Insulation resistance	> 500MΩ			> 500MΩ		> 500MΩ		
Protection level	IP65/IP67			IP65/IP67		IP65/IP67		
Durability	> 500 times			> 500 times		> 500 times		
Working temperature	-40°C ~ 80°C			-40°C ~ 80°C		-40°C ~ 80°C		
Connecting mode	Screw connecting			Screw connecting		Screw connecting		
Assembly wire	Soldering/Crimping			Soldering/Crimping		Soldering/Crimping		
MATERIALS								
Housing&insulation parts	High-performance engineering plastics			High-performance engineering plastics		High-performance engineering plastics		
Hardware	Zinc alloy (pearl hard chrome)			Zinc alloy (pearl hard chrome)		Zinc alloy (pearl hard chrome)		
Cooper pins	Copper alloy (gold-plated 4U)			Copper alloy (gold-plated 4U)		Copper alloy (gold-plated 4U)		
Waterproof cover	Silica gel			Silica gel		Silica gel		
Flammability rating	UL94-V0			UL94-V0		UL94-V0		

YW-16

WATERPROOF CONNECTOR

INTRODUCTION

YW-16 connectors meet 16MM hole size, the power and signal transmission through distribution and 5A and 10A current, shell of zinc alloy design, more in line with the signal transmission shielding requirements, widely used in industrial LEDscreen design, audio and video transmission and other industrial equipment .



Female socket (french)



Male plug



Protective cover

- 1: All zinc alloy shell, complete with electromagnetic and radio frequency interference protection, while meeting the needs of high-end products to match
- 2: Outer screw locking device, a solid safety
- 3: 16MM mounting dimensions
- 4: Quick and easy nut locking system design
- 5: Hanging dust cover design avoid matters; high safe performance, easy to operate
- 6: 5-10A rms rated current
- 7: Slip-resistant outer circle



Waterproof clamping circle



Zinc alloy thread and gold-plated copper contact



screw lock design



non-slip screw design

YW-16SERIES SPECIFICATIONS SHEET

PINS		3PINS	9PINS
PICTURE AND PART NO.	Male plug& Female socket	 YW-16-C03PE-02-001 male plug  YW-16-J03SX-02-001 female socket (french)	 YW-16-C09PE-02-001 male plug  YW-16-J09SX-03-001 female socket (french)
	Female plug& Male socket	 YW-16-J03PE-02-001 female plug  YW-16-C03SX-02-001 male socket (french)	 YW-16-J09PE-02-001 female plug  YW-16-C09SX-03-001 male socket (french)



Cable specification	1.0m ^m ~ 1.5m ^m /18 ~ 16 AWG	0.15m ^m ~ 0.2m ^m /26-24 AWG
Diameter range	Φ3mm ~ Φ7mm	Φ5.5mm ~ Φ7mm
Contact diameter × number	Φ1.5×3	Φ1.0×9
Rated Current (A)	10A	5A
Operating voltage (AC.V.rms)	500V	400V
Contact resistance	<2.5mΩ	<5mΩ
Temperature rise	10A contact temperature below 30°C , 12A.....40°C↓ , 15A.....50°C↓.	
Withstanding Voltage (AC.V) 1 minute	2500V	1500V
Insulation resistance	> 500MΩ	> 500MΩ
Protection level	IP65/IP67	IP65/IP67
Durability	> 500 times	> 500 times
Working temperature	-40°C ~ 80°C	-40°C ~ 80°C
Connecting mode	Screw connect	Screw connect
Assembly wire	Soldering/Crimping	Soldering/Crimping

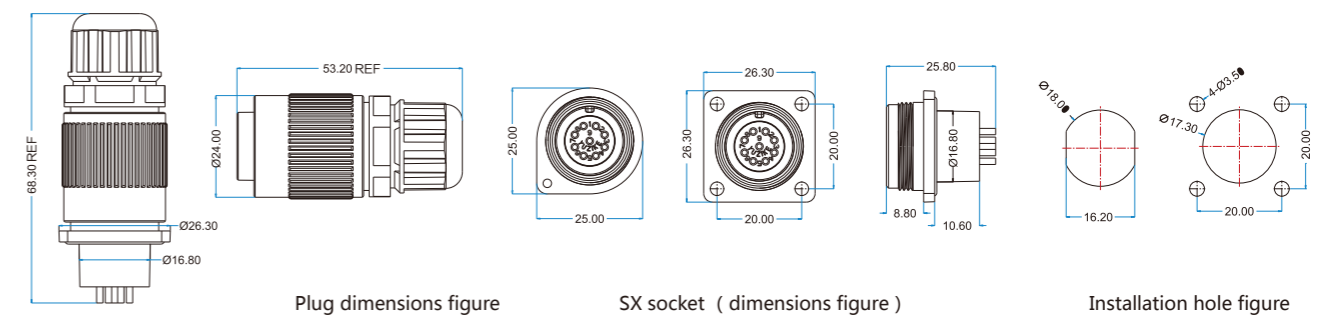
MATERIALS

Housing&insulation parts	High-performance engineering plastics
Hardware	Zinc alloy (pearl hard chrome)
Cooper pins	Copper alloy (gold-plated 4U)
Waterproof cover	Silica gel
Flammability rating	UL94-V0

CONNECTION SCHEMES



DIMENSION FIGURE



Dimensions figure

YZ-20

WATERPROOF CONNECTOR

INTRODUCTION

YZ-20 connectors, different industries to meet the needs of customers, using all-zinc alloy metal shell structure and the gold plating of electric shock, in line with the needs of high-end products and applications, using a rotary locking, security firm, 3PIN power and 9PIN compatible signal, is widely used in different fields.



Male plug



Female socket



waterproof clamping circle

- 1: All zinc alloy shell, complete with electromagnetic and radio frequency interference protection, while meeting the needs of high-end products to match
- 2: Outer screw locking device, a solid safety
- 3: 20MM optional mounting dimensions
- 4: Quickly and easy nut locking system design
- 5: Hanging dust cover design avoid matters; high safe performance, easy to operate
- 6: 2-12pins for choice
- 7: 5A/12A/20A rms rated current
- 8: Slip-resistant outer circle
- 9: Protection level:IP65/IP68



Protective cover



Silicone gasket



Ergonomics Slip-resistant








Sliding buckle locking



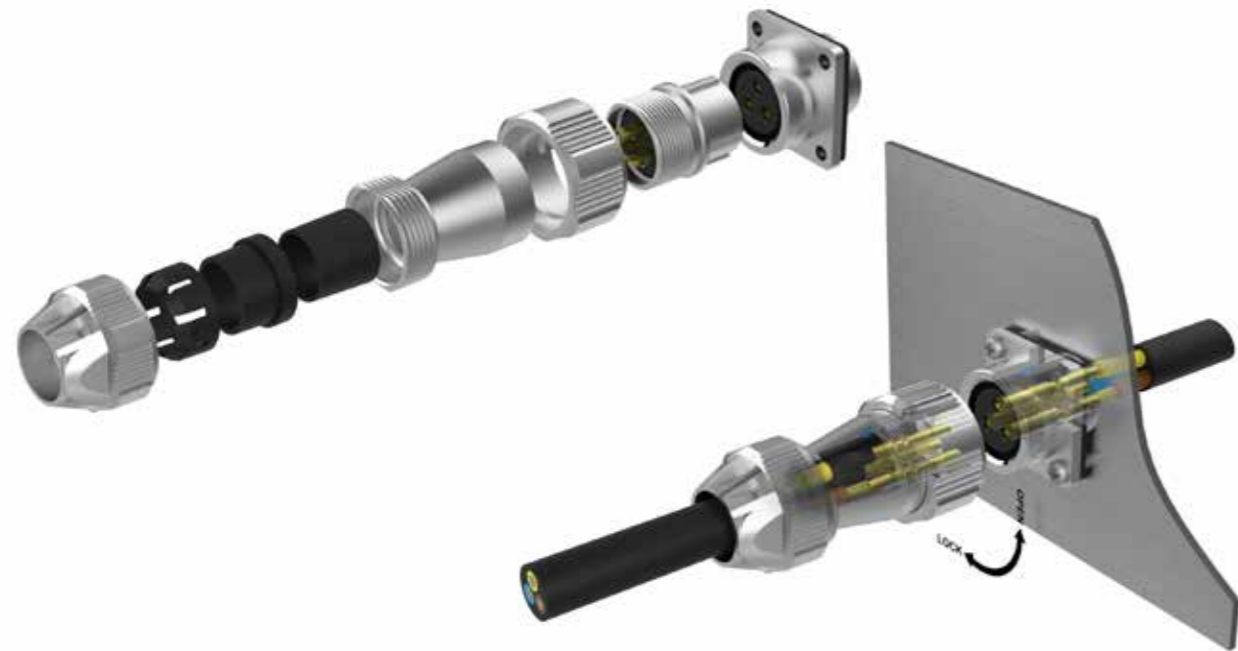
Orientation



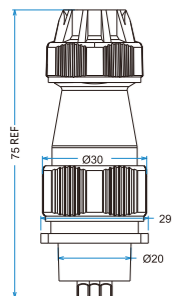
YZ-20 SERIES SPECIFICATIONS SHEET

PINS		2PINS	3PINS	4PINS	5PINS	7PINS	9PINS	12PINS
PICTURE AND PART NO.	Male plug & Female socket	 YZ-20-C02PE-01-001 male plug	 YZ-20-C03PE-01-001 male plug	 YZ-20-C04PE-01-001 male plug	 YZ-20-C05PE-01-001 male plug	 YZ-20-C07PE-01-001 male plug	 YZ-20-C09PE-01-001 male plug	 YZ-20-C12PE-01-001 male plug
		 YZ-20-J02SX-01-001 female socket	 YZ-20-J03SX-01-001 female socket	 YZ-20-J04SX-01-001 female socket	 YZ-20-J05SX-01-001 female socket	 YZ-20-J07SX-01-001 female socket	 YZ-20-J09SX-01-001 female socket	 YZ-20-J12SX-01-001 female socket
	Female plug & Male socket	 YZ-20-J02PE-01-001 female plug	 YZ-20-J03PE-01-001 female plug	 YZ-20-J04PE-01-001 female plug	 YZ-20-J05PE-01-001 female plug	 YZ-20-J07PE-01-001 female plug	 YZ-20-J09PE-01-001 female plug	 YZ-20-J12PE-01-001 female plug
		 YZ-20-C02SX-01-001 male socket	 YZ-20-C03SX-01-001 male socket	 YZ-20-C04SX-01-001 male socket	 YZ-20-C05SX-01-001 male socket	 YZ-20-C07SX-01-001 male socket	 YZ-20-C09SX-01-001 male socket	 YZ-20-C12SX-01-001 male socket
								
Cable specification	2.5m ² ~ 4m ² / 14 ~ 12 AWG			1.0m ² ~ 1.5m ² / 18 ~ 16 AWG		0.15m ² ~ 0.2m ² / 26-24 AWG		
Diameter range	Φ8mm ~ Φ12mm			Φ7mm ~ Φ9mm		Φ5.5mm ~ Φ7mm		
Contact diameter × number	Φ2.7×2	Φ2.7×3	Φ2.7×4	Φ1.8×5	Φ1.8×7	Φ1.0×9	Φ1.0×12	
Rated Current (A)	20A			12A		5A		
Operating voltage (AC.V.rms)	500V			500V		400V		
Contact resistance	<1mΩ			<2.5mΩ		<5mΩ		
Temperature rise	20A contact temperature below 30°C, 25A.....40°C, 30A.....50°C.			12A.....30°C, 15A.....40°C, 20A.....50°C.		/		
Withstanding Voltage (AC.V) 1 minute	2500V			2500V		1500V		
Insulation resistance	> 500MΩ			> 500MΩ		> 500MΩ		
Protection level	IP65/IP67			IP65/IP67		IP65/IP67		
Durability	> 500 times			> 500 times		> 500 times		
Working temperature	-40°C ~ 80°C			-40°C ~ 80°C		-40°C ~ 80°C		
Connecting mode	1/4 bayonet connect			1/4 bayonet connect		1/4 bayonet connect		
Assembly wire	Soldering/Crimping			Soldering/Crimping		Soldering/Crimping		
MATERIALS								
Housing&insulation parts	High-performance engineering plastics			High-performance engineering plastics			High-performance engineering plastics	
Hardware	Zinc alloy (pearl hard chrome)			Zinc alloy (pearl hard chrome)			Zinc alloy (pearl hard chrome)	
Cooper pins	Copper alloy (gold-plated 4U)			Copper alloy (gold-plated 4U)			Copper alloy (gold-plated 4U)	
Waterproof cover	Silica gel			Silica gel			Silica gel	
Flammability rating	UL94-V0			UL94-V0			UL94-V0	

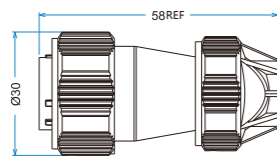
CONNECTION SCHEMES



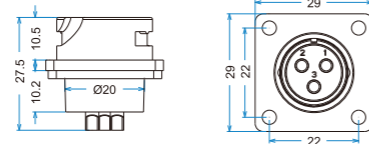
DIMENSION FIGURE



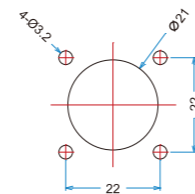
Dimensions figure



PE clamping cable plug
(dimensions figure)



SX socket (dimensions figure)



Installation hole figure

YT-RJ45 | INTRODUCTION

WATERPROOF CONNECTOR

YT-RJ45 can provide the solutions for signal transmission in harsh environments. Specially these connectors can apply for industrial ethernet in audio, business, amuse-ment, live stage action,DMX lighting, industrial and outdoor in network environments.YT-RJ45 series can provide cable jacket,assembly female plug, straight plug, cable coupler ,protective style, it is the strongest protection for installation of the box with the protection level of IP65/IP67.





RJ45-11 straight plug

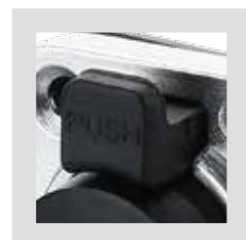


RJ45 convertor

- 1: Compliance with D level or CAT 3e standard of EIA568B and ISO/IEC11801,RJ45 connector compatible CAT5e, data transfer rate reach 10GBIT/S
- 2: Multi-style connecting modes: 1/4 bayonet connect (YT01), quickly plug/unplug(YT09/04)
- 3: Applicable for harsh environments
- 4: Cable jacket with solid diecasted shell and unique dual-clip-clip wire saddle
- 5: Sheath of cable applicable for common RJ45 plugs
- 6: Waterproof and non-waterproof design, protection level IP65 if waterproof and dustproof
- 7: Electroplated shell against wind and rain
- 8: Shielding system with high frequency noise immunity and electromagnetic interference protection



Clear push symbol



Waterproof push button



PCB switch



RJ45-10 snap plug



snap socket(dual ethernet ports IP44)



snap socket(dual ethernet port IP44)

- 1:Compliance with D level or CAT 3e standard of EIA568B and ISO/IEC11801,RJ45 connectors compatible CAT5e, data transfer rate reach 10GBIT/S
- 2:D-panel connectors, metal shell and locking system
- 3:Shielding system with high frequency noise immunity and electromagnetic interference protection
- 4:Push-pull design with secure locking system, and optional installation of straight or PCB adapter
- 5:Cable jacket with solid diecasted shell and unique dual-clip-clip wire saddle
- 6:Waterproof and non-waterproof design, protection level IP65 if waterproof and dustproof
- 7:Solid connections system can provide the solutions for data transmission in harsh environments
- 8:Not included crystal head and cable



snap socket(dual ethernet ports IP65)



snap socket(single ethernet port IP65)



straight connect



waterproof push button



PCB switch



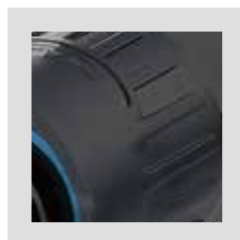
RJ45-01 female socket

RJ45-01 male plug

- 1: Compliance with D level or CAT 3e standard of EIA568B and ISO/IEC11801,RJ45 connectors compatible CAT5e, data transfer rate reach 10GBIT/S
- 2: Multi-style connecting modes: 1/4 bayonet connect (YT01), quickly plug/unplug(YT09/04)
- 3: Applicable for harsh environments
- 4: Cable jacket with solid diecasted shell and unique dual-clip-clip wire saddle
- 5: Sheath of cable applicable for common RJ45 plugs
- 6: Waterproof and non-waterproof design, protection level IP65 if waterproof and dustproof
- 7: Electroplated shell against wind and rain
- 8: Shielding system with high frequency noise immunity and electromagnetic interference protection



RJ45-01 direct ethernet port



fireproof PBT material



RJ45 straight connect



PCB switch



Female socket (dual metal ethernet ports)

Male Plug(metal shell)

Dustproof cushion

- 1: Compliance with D level or CAT 3e standard of EIA568B and ISO/IEC11801,RJ45 connectors compatible CAT5e, data transfer rate reach 10GBIT/S
- 2: Multi-style connecting modes: 1/4 bayonet connect (YT01), quickly plug/unplug(YT09/04)
- 3: Applicable for harsh environments
- 4: Cable jacket with solid diecasted shell and unique dual-clip-clip wire saddle
- 5: Sheath of cable applicable for common RJ45 plugs
- 6: Waterproof and non-waterproof design, protection level IP65 if waterproof and dustproof
- 7: Electroplated shell against wind and rain
- 8: Shielding system with high frequency noise immunity and electromagnetic interference protection



Back



Waterproof coil clip



Patent ethernet ports



Unique CNLINKO logo



CE certification

YT-RJ45 SERIES SPECIFICATIONS SHEET

PICTURE AND PART NO.	Male plug & Female socket							
								
YT-RJ45-CPE-01-001 RJ45-01 male plug	YT-RJ45-CPE-03-001 RJ45-02 male plug (metal shell)	YT-RJ45-CPE-13-001 RJ45-02 male plug (plastic shell)			YT-RJ45-CPE-05-001 YT-05 male plug			YT-RJ45-CPE-10-002 Snap-fastener plug
								
YT-RJ45-JSX-01-001 RJ45-01 female socket	YT-RJ45-JSX-04-001 RJ45-02 female socket (dual metal ethernet ports)	YT-RJ45-JSX-02-001 RJ45-02 female socket (dual plastic ethernet ports)			YT-RJ45-JSX-10-001 02 female socket (straight dual ethernet ports)	YT-RJ45-JSX-05-003 RJ45 female socket (straight dual ethernet ports)	YT-RJ45-JSX-16-001 RJ45-16 female socket (straight dual ethernet ports IP65)	YT-RJ45-JSX-21-002 RJ45-21 female socket (single ethernet port IP65)
								
YT-RJ45-JSX-04-002 RJ45 RJ45 female socket (straight dual ethernet ports)	YT-RJ45-JSX-11-001 RJ45-11 female socket (with customized SR cable)	YT-RJ45-JSX-05-002 RJ45 female socket (straight dual ethernet ports)			YT-RJ45-JSX-08-001 02RJ45 female socket (straight dual ethernet ports)	YT-RJ45-JSX-07-001 02RJ45 female socket (straight ethernet ports)	YT-RJ45-JSX-22-002 RJ45-22 female socket (dual ethernet ports IP65)	YT-RJ45-JSX-25-001 RJ45-25 female socket (single ethernet port IP65)

Cable specification	0.15m m ² ~ 0.2m m ² /26-24 AWG			0.15m m ² ~ 0.2m m ² /26-24 AWG
Diameter range	Φ5.5mm ~ Φ7mm			Φ5.5mm ~ Φ7mm
Contact diameter × number	8			8
Rated Current (A)	1.5A			1.5A
Operating voltage (AC.V.rms)	1000V			1000V
Contact resistance	<30mΩ			<30mΩ
Insulation resistance	> 500MΩ			> 500MΩ
Protection level	IP65/IP67			IP65/IP67
Durability	> 500times			≥500times
Working temperature	-40°C ~ 80°C			-40°C ~ 80°C
Assembly Wire	1/4 bayonet connect Fast locking			Fast locking

MATERIALS

Housing, the insulating parts	High-performance engineering plastics	High-performance engineering plastics
Waterproof circle	Silica gel	Silica gel
Flammability rating	UL94-V0	UL94-V0

CONNECTION TYPE RJ45-01



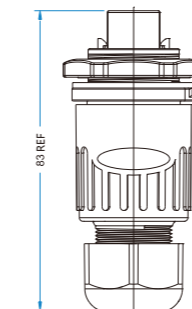
CONNECTION TYPE RJ45-10 Wew



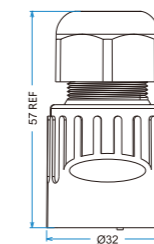
CONNECTION TYPE RJ45-02



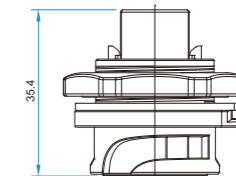
DIMENSION FIGURE RJ45-01



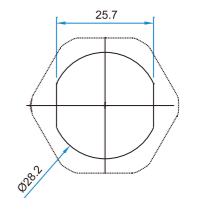
Dimensions figure



PE clamping cable plug (dimensions figure)

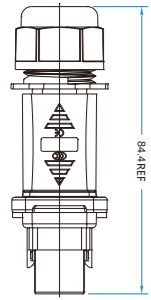


SX socket (dimensions figure)

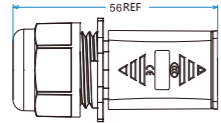


Installation hole figure

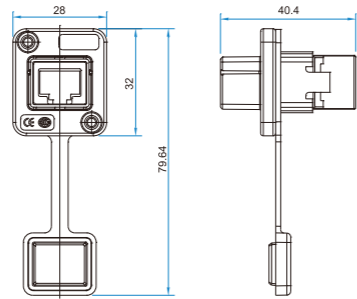
DIMENSION FIGURE RJ45-05



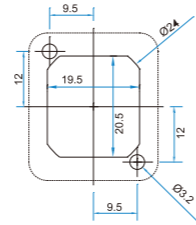
Dimensions figure



PE clamping cable plug
(dimensions figure)

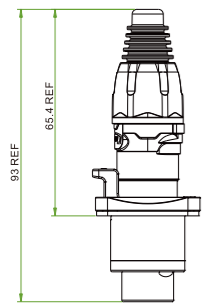


SX socket (dimensions figure)

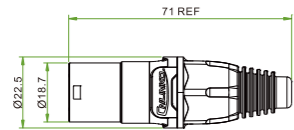


Installation hole figure

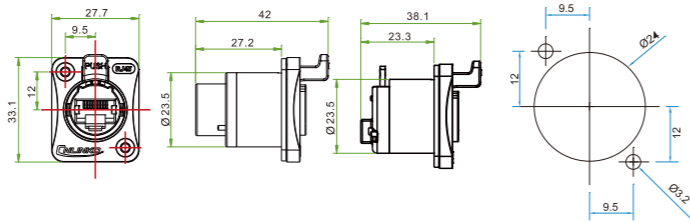
DIMENSION FIGURE RJ45-10 New



Dimensions figure



PE clamping cable plug
(dimensions figure)



SX socket (dimensions figure)

Installation hole figure

YU-USB | INTRODUCTION
WATERPROOF CONNECTOR

YU-USB plugs and sockets are applicable to data transmission with quickly plug, fast transfer rate and strongly extensibility .They are widely used in computers, digital cameras, scanner and other transmission equipment. Varies types, can achieve male and female conversion docking, independent female, male with cable and so on.





USB3.0 male plug with cable (single rubber coating)



USB3.0 female socket (without cable)



YU-USB3-JSX-01-001

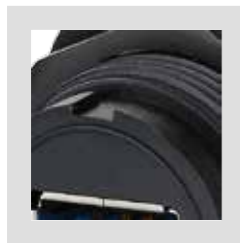
- 1: Independent USB3.0 socket design, easy to install and operate
- 2: Achieve double-headed male to female adapter, snap locking, ensure safe and stable
- 3: Cable can be customized
- 4: Compatible with USB2.0, protection level IP67
- 5: Sheath of cable protect cable outlet well
- 6: Solid connections system can provide the solutions for data transmission in harsh environments



male plug + female socket with cable 1M



YU-USB2-JSX-01-001




1/2 bayonet connect




Gold-plated copper contact




PICTURE AND PART NO.




YU-USB3-CPI-01-100
USB3.0 male plug with cable
(single rubber coating)




YU-USB3-CPI-02-100
USB3.0 male plug with cable
(Double rubber coating)




YU-USB3-JSX-01-001
USB3.0 female socket



YU-USB2-CPI-01-100
USB2.0 male plug with cable
(single rubber coating)



YU-USB3-JSX-03-100
Male plug+female socket
with cable 1M



YU-USB2-JSX-01-001
USB2.0 female socket

Cable specification	0.15m m ² ~ 0.2m m ² /26-24 AWG
Diameter range	Φ5.5mm ~ Φ7mm
Contact diameter × number	9
Rated Current (A)	1.5A
Contact resistance	<30mΩ
Withstanding Voltage (AC.V) 1 minute	1000V、2.0-500V、3.0-100V
Insulation resistance	> 500MΩ
Protection level	IP67
Durability	> 500times
Working temperature	-40°C ~ 80°C
Connecting mode	Quickly bayonet connect

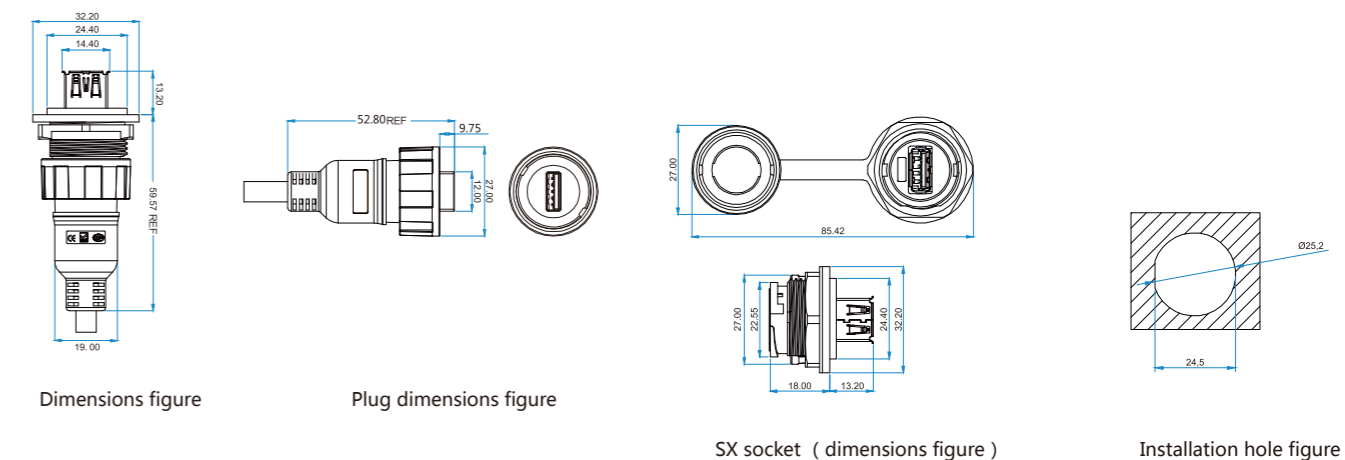
MATERIALS

Housing, the insulating parts	High-performance engineering plastics
Hardware	Zinc Alloy (pearl hard chrome)
Copper needles	Copper Shell
Waterproof circle	Silica gel
Flammability rating	UL94-V0

CONNECTION SCHEMES



DIMENSION FIGURE





1. We are using the international cable standardized . There are multi-pins for your options: 2PIN, 3PIN, 4PIN, 5PIN and 9PIN for power cord and network cable, while the cable can be customized.
- 2.Cable standard: 1M .
- 3.Using a set of wire and plug/ socket, providing different connection schemes, thus enabling our connectors to solve up environmental requirements under different circumstances.
- 4.Flexible and simple, without additional process.



LC-20-C03PE-01-00
LC20 series 3pin plus 16pin(plug and socket with cable)



LC-20-C03PE-02-100
LC20 series 3pin plus 16pin(male plug with cable)



LP-20-C03PE-03-100
LP-20 Series 3 pin (male plug and female plug with cable)



LP-24-C03PE-01-100
LP24 Series 3 pin (male plug and female plug with cable)



YF-24-C03PE-06-100

YF Generation 2 (Black IP65,Two plugs with cable)



LP-24-RJ45-P01-100

LP24 RJ45 Plug(two plug with cable)



YW-20-C03PE-02-100

YW20 Series 3 pin (male plug and female plug with cable)



YW-20-C09PE-02-100

YW20 Series 9 pin (Male plug and Female plug with cable)



YF-24-C03PE-09-100

YF Generation 2 (Blue IP44,Two plugs with cable)



YP-20-C03PE-02-100

YA20 Series 3 pin (male plug and female plug with cable)



YW-16-C09PE-02-100

YW16 series 9 pin (male plug and female plug with cable)



YZ-20-C03PE-03-100

YZ20 Series 3 pin (male plug and female plug with cable)



YA-20-C03PE-03-100

YA20 Series 3 pin (Male plug and female plug with SR cable)



YA-20-C09PE-05-100

YA20 series 9 pin (male plug and female plug with cable)



YZ-20-C09PE-01-100

YZ20 Series 9 pin (male plug and female plug with cable)



YT-RJ45-CPE-02-100

RJ45-09 Two plug with cable



YM-20-C03PE-01-100

YM20 Series(Male plug and female plug with cable)



YM-20-C09PE-01-100

YM20 series 9pin (male plug and female plug with cable)



YT-RJ45-CPE-04-100

RJ45 snap fastener IP65 (two plugs with cable)



YT-RJ45-CPE-07-100

RJ45 snap fastener IP44 Plug (two plug with cable)



IEC-60309

WATERPROOF CONNECTOR

INTRODUCTION

This product complies with international standard IEC 60309-2, IEC60309-1 and also consistent with national standards GB/T11918.1/2-2014 and also passed the authority of the European CE and RoHS, it use of portable installation design and used at supporting installation. our products are dust-proof, moisture, corrosion and flame retardant, high temperature resistant, anti-aging, toughness, impact resistance, as well as the advantages of larger current. Quality and performance is same with connector importing, they are widely used in mining, petrochemical construction, docks, factories, convention centers and municipal engineering.





- 1: Portable installation, with dustproof ,moistureproof ,corrosionproof,flame retardant,high temperature resistant,anti-aging ,toughness,impact resistance and high current
- 2:Have high quality and performance,they are widely used in mining,petrochemical construction,docks, factories,covention centers and municipal engineering
- 3: Products comply with international standard IEC60309-2,IEC60309-1,and consistent with national standards GB/T11918-2001.GB/T11919-200,and also have passed CE&ROHS certification
- 4: Products passed the rigorous testing,Test frequency 10-500HZ,acceleration of 10g,displacement 1.5mm,vibration free within the product off 0.1 microsecond transient process
- 5:Waterproof ,wiring safety which face a variev of practical applications in the top programs wiring safety,screw preventing device,manually install,simple,flexible,and fast
- 6: Using high quality of beryllium copper contact terminals , spring contacts and gold-plated technology to control temperature and reduce the friction during the push and plug.Also easy to plug and self-cleaning



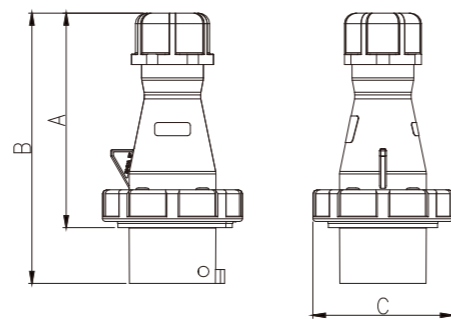
- 1: Portable installation, with dustproof ,moistureproof ,corrosionproof,flame retardant,high temperature resistant,anti-aging ,toughness,impact resistance and high current
- 2:Have high quality and performance,they are widely used in mining,petrochemical construction,docks, factories,covention centers and municipal engineering
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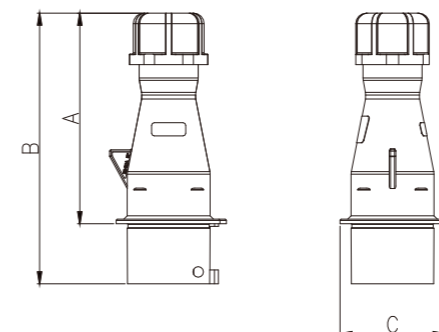


		3	4	5	110 V 50-60 Hz	230 V 50-60 Hz	400 V 50-60 Hz	500 V 50-60 Hz	>50 -500 V 300-500 Hz	>50 -500 V 100-300 Hz
		2P+E	3P+E	3P+N+E						
Code	Current Polerating	IP 67 CEE / IEC Plug, screw wiring terminal								
	Pole	3P 4P 5P 4h 4h 4h	3P 4P 5P 6h 9h 9h	3P 4P 5P 9h 6h 6h	3P 4P 5P 7h 7h 7h	3P 4P 5P 10h 10h 10h	3P 4P 5P 2h 2h 2h			
	16	277	278	279	283	284	285			
	32	289	290	291	295	296	297			
16	280	281	282							
16	286	287	288							
32	292	293	294							
32	298	299	300							

Current rating(A)	16			32		
Pole(P)	3	4	5	3	4	5
A	107	107	127	156	156	156
B	141	141	146	205	205	205
C	72	72	88	95	95	102
Wire gauge (mm ²)	1.5~4	1.5~4	1.5~4	2.5~10	2.5~10	2.5~10



		3	4	5	110 V 50-60 Hz	230 V 50-60 Hz	400 V 50-60 Hz	500 V 50-60 Hz	>50 -500 V 300-500 Hz	>50 -500 V 100-300 Hz
		2P+E	3P+E	3P+N+E						
Code	Current Polerating	IP 44 CEE / IEC Plug, screw wiring terminal								
	Pole	3P 4P 5P 4h 4h 5h	3P 4P 5P 6h 9h 9h	3P 4P 5P 9h 6h 6h	3P 4P 5P 7h 7h 7h	3P 4P 5P 10h 10h 10h	3P 4P 5P 2h 2h 2h			
	16	247	248	249	253	2168	2271			
	32	259	260	261	265	2195	2341			
16	250	251	252							
16	256	257	3							
32	262	263	264							
32	268	269	4							
32	2014	2189	2243							
32	2015	2244	2178							

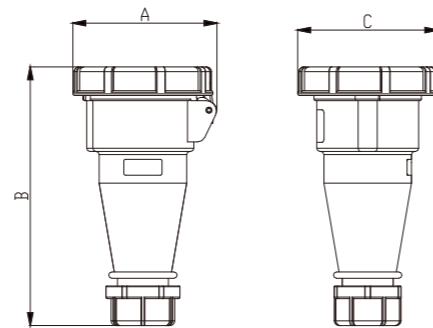


Current rating(A)	16			32		
Pole(P)	3	4	5	3	4	5
A	107	107	127	156	156	156
B	141	141	161	205	205	205
C	52	58	65	76	76	80
Wire gauge (mm ²)	1.5~4	1.5~4	1.5~4	2.5~10	2.5~10	2.5~10

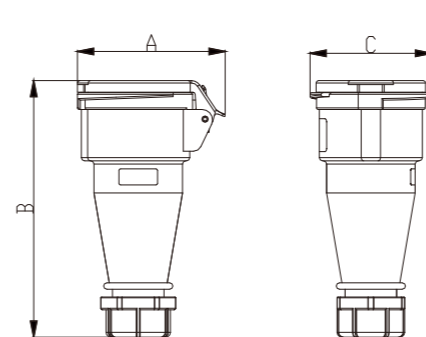


		3	4	5	110 V 50-60 Hz	230 V 50-60 Hz	400 V 50-60 Hz	500 V 50-60 Hz	>50 -500 V 300-500 Hz	>50 -500 V 100-300 Hz
		2P+E	3P+E	3P+N+E						
Code	Current Polerating	IP 67 CEE / IEC Plug, screw wiring terminal								
	Pole	3P 4P 5P 4h 4h 4h	3P 4P 5P 6h 9h 9h	3P 4P 5P 9h 6h 6h	3P 4P 5P 7h 7h 7h	3P 4P 5P 10h 10h 10h	3P 4P 5P 2h 2h 2h			
		16	3	539	540	541	545	546	547	
	16	4	542	543	544	545	546	547		
	16	5	548	549	550	545	546	547		
	32	3	551	552	553	557	558	559		
	32	4	554	555	556	557	558	559		
	32	5	560	561	562	557	558	559		

Current rating(A)	16			32		
Pole(P)	3	4	5	3	4	5
A	76	83	90	99	99	106
B	157	157	163	196	196	200
C	72	80	88	98	98	102
Wire gauge (mm ²)	1.5~4	1.5~4	1.5~4	2.5~10	2.5~10	2.5~10



		3	4	5	110 V 50-60 Hz	230 V 50-60 Hz	400 V 50-60 Hz	500 V 50-60 Hz	>50 -500 V 300-500 Hz	>50 -500 V 100-300 Hz
		2P+E	3P+E	3P+N+E						
Code	Current Polerating	IP 44 CEE / IEC Plug, screw wiring terminal								
	Pole	3P 4P 5P 4h 4h 4h	3P 4P 5P 6h 9h 9h	3P 4P 5P 9h 6h 6h	3P 4P 5P 7h 7h 7h	3P 4P 5P 10h 10h 10h	3P 4P 5P 2h 2h 2h			
		16	3	509	510	511	515	2441	2517	
	16	4	512	513	514	515	516	517		
	16	5	518	519	5	2026	2193	2495		
	32	3	521	522	523	527	2196	2674		
	32	4	524	525	526	527	528	529		
	32	5	530	531	6	2027	2245	2493		

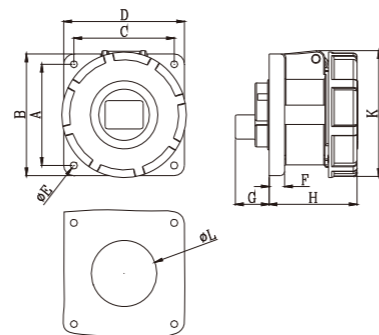


Current rating(A)	16			32		
Pole(P)	3	4	5	3	4	5
A	75	84	90	97	97	105
B	154	154	160	190	190	197
C	60	68	75	82	82	89
Wire gauge (mm ²)	1.5~4	1.5~4	1.5~4	2.5~10	2.5~10	2.5~10

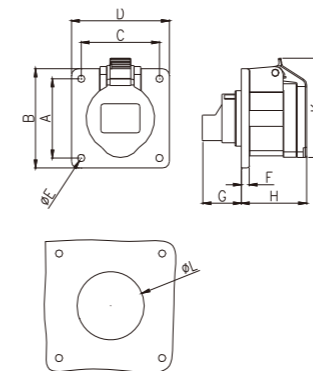


		3	4	5	110 V 50-60 Hz	230 V 50-60 Hz	400 V 50-60 Hz	500 V 50-60 Hz	>50 -500 V 300-500 Hz	>50 -500 V 100-300 Hz	
		2P+E	3P+E	3P+N+E							
Code	Current Polerating	Pole									
		3P 4P 5P 4h 4h 4h	3P 4P 5P 6h 9h 9h	3P 4P 5P 9h 6h 6h	3P 4P 5P 7h 7h 7h	3P 4P 5P 10h 10h 10h	3P 4P 5P 2h 2h 2h				
	IP 67 CEE / IEC Plug, screw wiring terminal										
	16	3	217	218	219	223	224	225			
	16	4	220	221	222						
	16	5	226	227	228						
	32	3	229	230	231	235	236	237			
	32	4	232	233	234						
	32	5	238	239	240						

Current rating(A)	16			32		
Pole(P)	3	4	5	3	4	5
A	60	60	60	80	80	90
B	75	75	75	95	95	110
C	60	60	60	80	80	90
D	75	75	75	95	95	110
E	5.5	5.5	5.5	5.5	5.5	5.5
F	9	9	9	12	12	12
G	27	27	27	26.5	26.5	26.5
H	56.3	56.3	56.3	69.3	69.3	69.3
K	72	80	88	98	98	105
L	42	50	53	55	55	60
Wire gauge (mm ²)	1.5~4	1.5~4	1.5~4	2.5~10	2.5~10	2.5~10



		3	4	5	110 V 50-60 Hz	230 V 50-60 Hz	400 V 50-60 Hz	500 V 50-60 Hz	>50 -500 V 300-500 Hz	>50 -500 V 100-300 Hz	
		2P+E	3P+E	3P+N+E							
Code	Current Polerating	Pole									
		3P 4P 5P 4h 4h 4h	3P 4P 5P 6h 9h 9h	3P 4P 5P 9h 6h 6h	3P 4P 5P 7h 7h 7h	3P 4P 5P 10h 10h 10h	3P 4P 5P 2h 2h 2h				
	IP 44 French size 75x75mm(16A),85x75mm(32A),straight connect with socket										
	16	3	1365	1366	1367	1391	3054	3055			
	16	4	1388	1389	1390	1391	1392	1393			
	16	5	1384	1386	1385	3057	3059	3060			
	32	3	1394	1395	1396	1400	1401	1402			
	32	4	1397	1398	1399	3452	3455	3447			
	32	5	3449	3454	3451						



Current rating(A)	16			32		
Pole(P)	3	4	5	3	4	5
A	60	60	60	80	80	90
B	75	75	75	95	95	110
C	60	60	60	80	80	90
D	75	75	75	95	95	110
E	5.5	5.5	5.5	5.5	5.5	5.5
F	6	6	6	9	9	9
G	30	30	30	29	29	29
H	50	50	50	61	61	61
K	76	85	93	96	96	105
L	42	50	53	55	55	60
Wire gauge (mm ²)	1.5~4	1.5~4	1.5~4	2.5~10	2.5~10	2.5~10

