

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.



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



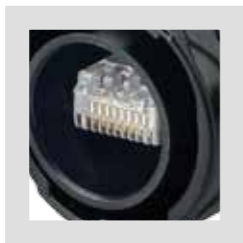
socket

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



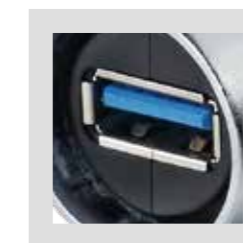
Socket

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

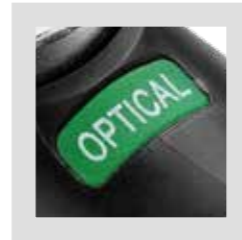
- 1:Durable and dust protection with dual-channels optical fiber connection system
- 2:With hard shell zinc alloy materials to protect the cable well
- 3:With different grommet for different diameter optical fiber cable, to ensure high fastening and stability to reduce tension and avoid the wastage or 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.	 LP-24-C03PE-01-001 3pin male plug(soldering)	 LP-24-J03PE-01-001 3pin Female plug (soldering)	 LP-24-C04PE-01-001 4pin male plug (soldering)
	 LP-24-J03SX-01-001 3pin female socket(soldering)	 LP-24-C03SX-01-001 3pin male socket(soldering)	 LP-24-J04SX-01-001 4pin female socket(soldering)

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 ~ 0.2m ^m /26-24 AWG				Cable specification	0.15m ^m ~ 0.2m ^m /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	High-performance engineering plastics
Zinc alloy (pearl hard chrome)	Hardware	Zinc alloy (pearl hard chrome)
Opper alloy (gold-plated 4U)	Cooper pins	Opper alloy (gold-plated 4U)
Silica gel	Waterproof cover	Silica gel
UL94-V0	Flammability rating	UL94-V0

CONNECTION SCHEMES



CONNECTION SCHEMES LP-24USB



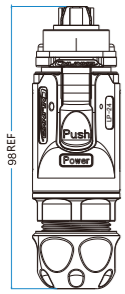
CONNECTION SCHEMES LP-24RJ45



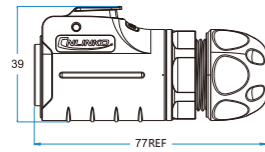
CONNECTION SCHEMES LP-24 OPTICAL FIBER



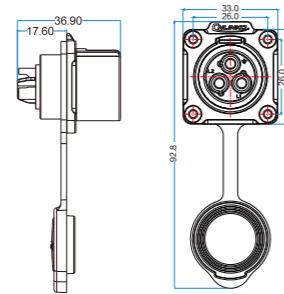
DIMENSION DRAWING



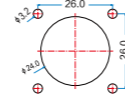
Dimensions figure



PE clamping cable plug
(dimensions figure)

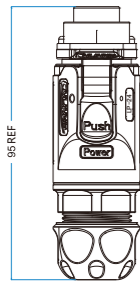


SX socket (dimensions figure)

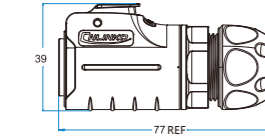


Installation hole figure

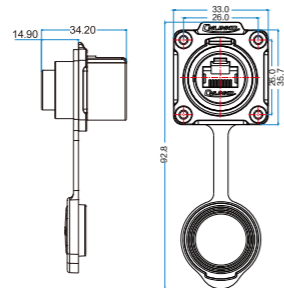
LP-24 RJ45



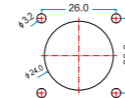
Dimensions figure



PE clamping cable plug
(dimensions figure)

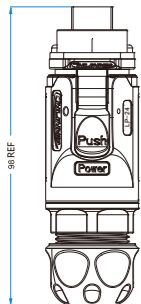


SX socket (dimensions figure)

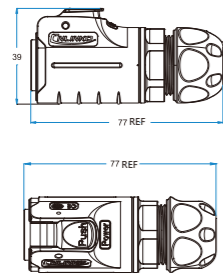


Installation hole figure

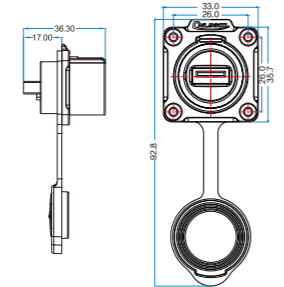
LP-24 USB



Dimensions figure



PE clamping cable plug
(dimensions figure)

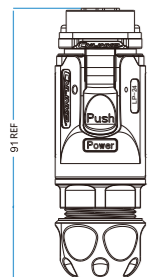


SX socket (dimensions figure)

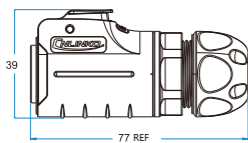


Installation hole figure

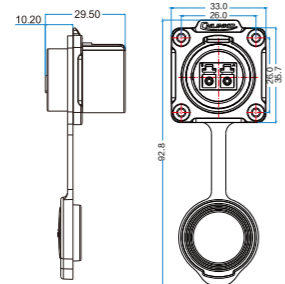
LP-24 optical fiber



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.

