



LP-24-C03PE-01-001
3芯公头 3Pins Male plug



LP-24-J03SX-01-001
3芯母座 3Pins Female socket

- 支持24MM的安装孔位尺寸。
- 弹簧按扣式设计，紧锁对接，安全牢固。
- 多款式选择（光纤，USB，RJ45，电源）适应不同的工业需求。
- 稳定的电源及信号传输，电源多芯正装及反装设计（剖槽可选）。
- 电源母针的线簧技术设计，更符合稳定的电流传输及低温升变化。
- 电源铜针压接及焊接可选连接方式，完全符合户外的安装作业。
- 连装状况下的防尘防水等级符合IP65/IP67。
- UL认证。
- 如果需要更高防护等级，请联系业务员。
- 24MM Installation hole figure
- Easily lock by Plug/unplug snap-fastener , ensure safe and stable
- Varies types for choice, include power, signal, USB,RJ45,fibre optics, meet different industrial demands
- Stable power and signal transmission, multi-pins power (2-12 pins) with positive and negative type
- Formed wire technology on pins keep much stable while transmit and temperature rise
- Solder and pressure on copper needles completely comply with outdoor installation
- Protection level : IP65/IP67
- UL certification
- pls indicate if you need the protection level more high



镀金铜针
Gold plated copper pins



独特的产品型号标识
unique symbol



线簧的母针设计(可选)
formed wire pins (Optional)



LP-24-RJ45-P01 插头 Plug



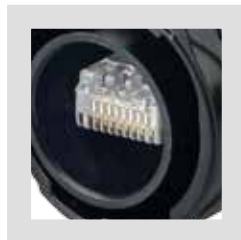
LP-24-RJ45-S01 插座 Socket

- 低而稳定的接触电阻。
- 使用锌合金外壳材质，高频噪音免疫和电磁干扰保护。
- 弹簧按扣式锁固，操作简易，安全稳固。
- 独特的专利性直连式网口设计，减少PCB的转接及焊线。
- 硅胶材质的夹线设计，柔软且具延伸性，有效对线材进行保护。
- 连接状态下防护等级符合IP65/IP67。
- 标配不包括水晶头及网线。
- 如果需要更高防护等级，请联系业务员。

- Low and stable contact resistance
- Zinc alloy shell material, high-frequency noise immunity and electromagnetic interference protection
- Snap-fastener lock, easy and simple operation, safe and stable
- Our unique patented design--direct type ports avoid PCB switch and PCB solder
- Clamp design with silicone material -soft and extension ,protect cable well
- Protection level:IP65/IP67
- Not include crystal head and cable
- pls indicate if you need the protection level more high



人体工程学按扣设计
ergonomically design snap button



标准端口水晶头
standard crystal head



型号标识
model symbol



LP-24-USB3.0-P01 插头 Plug



LP-24-USB3.0-S01 插座 Socket

- USB 3.0支援全双工兼容USB2.0，数据传可达600MB/s。
- 使用锌合金材质，高频噪音免疫和电磁干扰保护。
- 硅胶材质的夹线套，有效实现对线材的防护。
- 连接状态下防护等级符合IP65/IP67。
- 插头标线（0.5M长）设置，操作简易。
- 如果需要更高防护等级，请联系业务员。



- USB 3.0 fully compatible with USB2.0, data transfer up to 600MB / s
- Zinc alloy material against high frequency noise and electromagnetic interference
- Silica gel material clamp protect wire
- Protection level:IP65/IP67
- Standard 0.5M cable of plug
- pls indicate if you need the protection level more high



人性化的按扣设计
Personal design- snap button



标准的3.0端口
standard 3.0 port



清晰的产品型号标识
clear model symbol



LP-24-F00PE-P01
光纤插头 Fibre optics plug



LP-24-F00SX-S01
光纤插座 Fibre optics socket

- 结实耐用并具的防尘保护的双通道光纤连接系统。
- 使用锌合金外壳材质，具有坚硬的外壳和超强的光缆保护力。
- 尾部硅胶夹线圈，可分不同线径的光纤进行夹持固定，固紧强度高、稳定性好减小向后的拉力，避免对光信号损耗中断影响。
- 夹头推进固紧系统保证光纤与陶瓷对准插针轴向、径向位置精密定位，确保与另一个对接的插针面弹性密贴，彻底杜绝假对接，设计插损小于0.3db,回损大于45。
- 可在产品全寿命过程中保证高的接续可靠性，并在特殊情况下(受潮、污染等)，可由用户自行清洗处理，无须工程人员介入，维护费用低。
- 连接状态下防护等级符合IP65/IP67。
- 如果需要更高防护等级，请联系业务员。
- Durable and dust protection with dual-channel fiber optic connection system
- Zinc alloy shell material with a hard shell and superior cable protection force
- Silicone tail clip coil diameter of the optical fiber can be divided into different holding fixed, high fastening strength and stability to reduce back tension, to avoid disruption of optical signal loss
- Chuck propulsion fastening system to ensure alignment of fiber and ceramic pin axial, radial position precision positioning to ensure flexibility and another pin face of tight butt, butt eradicate fake, designed insertion loss less than 0.3db, back loss greater than 45
- Ensure the product life-cycle process of continuation high reliability, and in exceptional circumstances (moisture, pollution, etc.), user self-cleaning process, no engineering staff intervention, low maintenance costs
- Protection level:IP65/IP67
- pls indicate if you need the protection level more high



标准的卡口设计
Standard bayonet design







光纤端口
fibre optics port



型号标识
model symbol

LP-24 系列产品规格参数表

LP-24 SERIES SPECIFICATIONS SHEET

产品类型	PIN针正装	PIN针反装
产品图 PICTURE	 <p>LP-24-C03PE-01-001 3芯公头(焊接) 3Pins male plug(solder)</p>	 <p>LP-24-J03PE-01-001 3芯母头(焊接) 3Pins Female plug(solder)</p>
	 <p>LP-24-J03SX-01-001 3芯母座(焊接) 3Pins Female socket(solder)</p>	 <p>LP-24-C03SX-01-001 3芯公座(焊接) 3Pins Male socket (solder)</p>

排列图			
线材规格	Cable specification	2.5m ^m ~ 4m ^m / 14 ~ 12 AWG	
线径范围	Diameter range	Φ8mm ~ Φ12mm	
接触件直径×数量	Contact diameter × number	3.0 x 3	
额定电流(A)	Rated Current (A)	20A	
工作电压(AC.V.RMS)	Operating voltage (AC.V.rms)	500V	
接触电阻	Contact resistance	<1mΩ	
温升	Temperature rise	20A时温升在30°C以下 (20A contact temperature below 30°C), 25A.....40°C↓, 30A.....50°C↓。	
耐电压(AC.V)1分钟	Withstanding Voltage (AC.V) 1 minute	2500V	
绝缘电阻	Insulation resistance	> 500MΩ	
防护等级	Protection level	IP65/IP67	
耐久次数	Durability	> 500次	
工作温度	Working temperature	-40°C ~ 80°C	
连接方式	Connecting mode	快速插拔连接	Plug/unplug
接线方式	Assembly wire	焊接式	solder

材料			
外壳、绝缘部件	Housing, the insulating parts	高性能工程塑料	High-performance engineering plastics
五金	Hardware	锌合金(珍珠硬铬)	Zinc Alloy (pearl hard chrome)
铜针	Copper needles	铜合金(镀金4U)	Copper alloy (gold-plated 4U)
防水圈	Waterproof circle	硅胶	Silica gel
阻燃等级	Flammability rating	UL94-V0	UL94-V0

RJ45

USB

光纤 Fibre optics



LP-24-RJ45-P01 插头 Plug



LP-24-USB3.0-P01 插头 Plug

LP-24-F00PE-P01 光纤插头
Fibre optics plug

LP-24-RJ45-S01 插座 Socket



LP-24-USB3.0-S01 插座 Socket

LP-24-F00SX-S01 光纤插座
Fibre optics socket0.15m² ~ 0.2m² / 26-24 AWG

Φ5.5mm ~ Φ7mm

8PIN

9PIN (3.0) & 4PIN (2.0)

2

1.5A

/

/

/

<30mΩ

/

/

/

1000V

/

> 500MΩ

IP65/IP67

> 500次

-40°C ~ 80°C

快速插拔连接 Plug/unplug

/

高性能工程塑料 High-performance engineering plastics

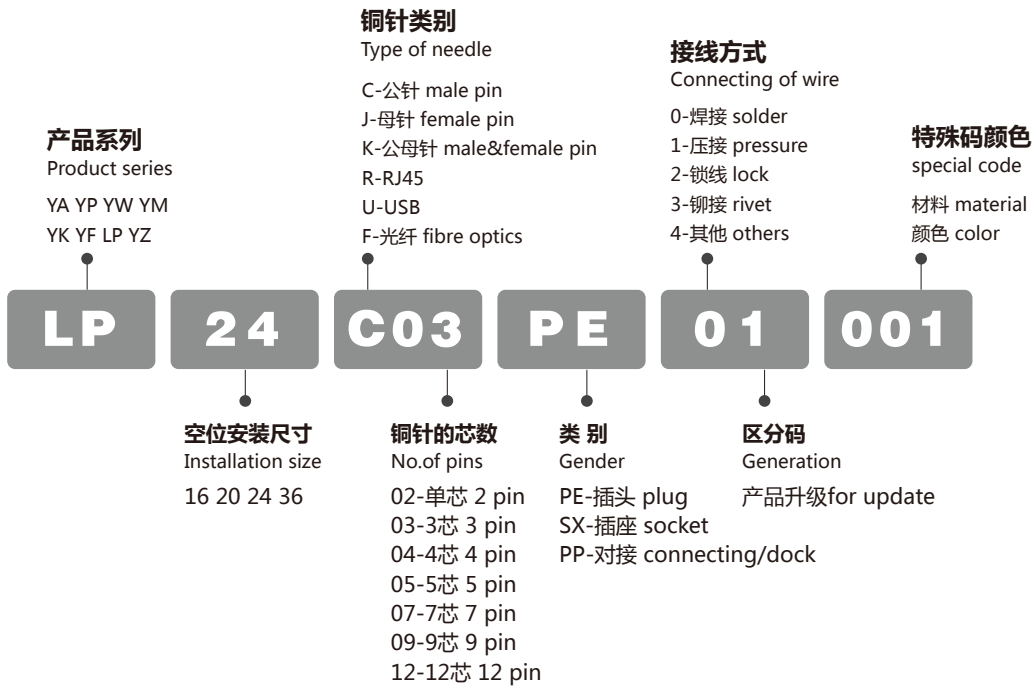
锌合金(珍珠硬铬) Zinc Alloy (pearl hard chrome)

铜合金(镀金6U) Copper alloy (gold-plated 6U)

硅胶 Silica gel

UL94-V0 UL94-V0

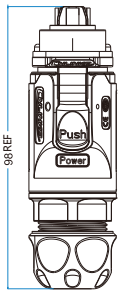
型号标志代号 MODEL CODE



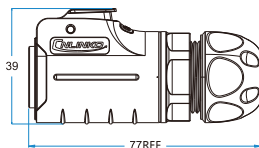
连接方式 CONNECTION SCHEMES



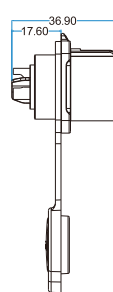
外形尺寸图 DIMENSION FIGURE



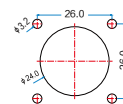
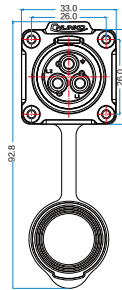
产品外型尺寸图
dimensions figure



夹爪紧固式插头PE (外型尺寸图)
PE clamping cable plug
(dimensions figure)



插座 SX (外型尺寸图)
SX socket (dimensions figure)



安装开孔图
Installation hole figure

连接方式 CONNECTION SCHEMES LP-24RJ45



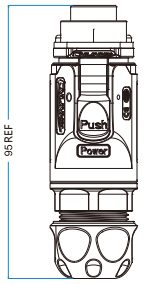
连接方式 CONNECTION SCHEMES LP-24USB



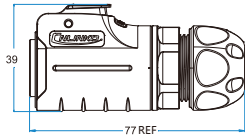
连接方式 CONNECTION SCHEMES LP-24光纤OPTICAL FIBER



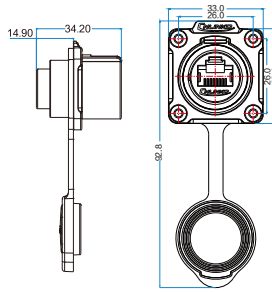
外形尺寸图 DIMENSION FIGURE LP-24 RJ45



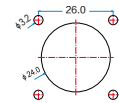
产品外型尺寸图
dimensions figure



夹爪紧固式插头PE (外型尺寸图)
PE clamping cable plug
(dimensions figure)

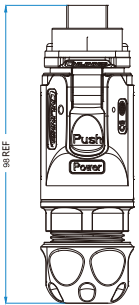


插座 SX (外型尺寸图)
S socket (dimensions figure)

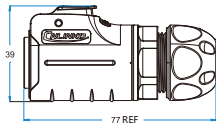


安装开孔图
Installation hole figure

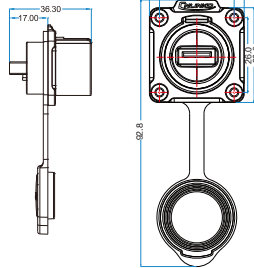
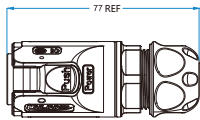
外形尺寸图 DIMENSION FIGURE LP-24 USB



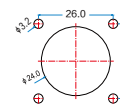
产品外型尺寸图
dimensions figure



夹爪紧固式插头PE (外型尺寸图)
PE clamping cable plug
(dimensions figure)

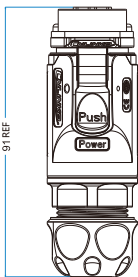


插座 SX (外型尺寸图)
S socket (dimensions figure)

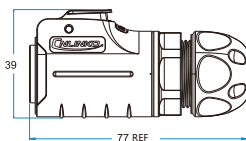


安装开孔图
Installation hole figure

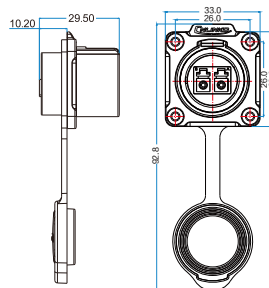
外形尺寸图 DIMENSION FIGURE LP-24 光纤 Optical fiber



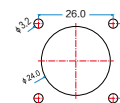
产品外型尺寸图
dimensions figure



夹爪紧固式插头PE (外型尺寸图)
PE clamping cable plug
(dimensions figure)



插座 SX (外型尺寸图)
S socket (dimensions figure)



安装开孔图
Installation hole figure