

# LP-16-RJ45 Series



## Product parameter

Part NO.	LP-16-C/RJ45/015/PE-43-001
Wire specification	0.15mm <sup>2</sup> ~ 0.2mm <sup>2</sup> /26 ~ 24 AWG
Line diameter range	Φ5.5mm ~ Φ7mm
Diameter×number	8
Rated current(A)	1.5A
Operation voltage(AC.V.RMS)	/
Contact resistance	<30mΩ
Temperature rise	/
Withstand voltage (AC.V)1minute	1000V
Insulation resistance	> 500MΩ
Protection level	IP65/IP67
Mating cycle	≥500times
Working temperature	-40℃ ~ 80℃
Connection mode	Bayonet connection
Wiring mode	Welding / Crimping

## Material

Insulation components	High-performance engineering plastics
Hardware	Zinc alloy ( Nickel Plating )
PIN	Copper alloy   gold plating
Waterproof circle	Silica gel
Flame retardant grade	UL94-V0

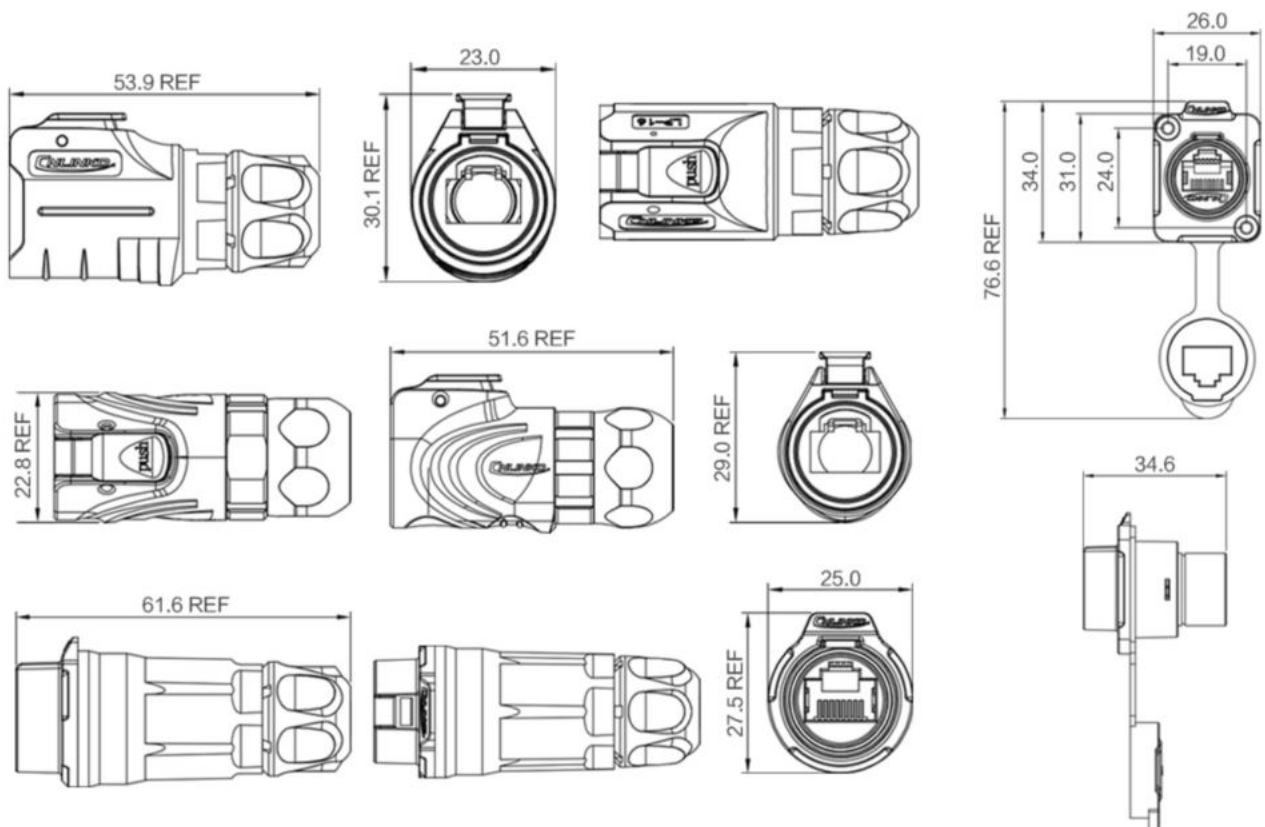
## Core tables

the number of pins	routine	
The PIN map		
Rated current	5A	
Operating voltage	500V	
Withstanding Voltage	1000V	
Contact resistance	< 30mΩ	
Temperature rise	> 500MΩ	
Contact diameter x number	8	
Insertion force	22.25N Max.	
Durability	750次	
Screw torque	42-53(N.m) torque wrench200(N.m)	
Working temperature	-40℃ ~ +80℃	
Vibration	Frequency: 5~200Hz, amplitude: 5mm, speed: 10m/s,0.10us without instantaneous break	
Impact resistance	294m/s2	
Salt fog	PH6.5-7.2,NaCl,5% 48H	
Cable specification	0.15mm <sup>2</sup> -0.2mm <sup>2</sup> 26-24 AWG	
Diameter range	1/4 quick card fastener connection	Plug-type connection
Protection level	IP65/IP67	
Certification standards	Comply with the TUV and UL certification standards	

## Connection graph



## Appearance dimension



# LP-24-RJ45 Series

## Product parameter

Part NO.	LP-24-RJ45-P01
Wire specification	0.15mm <sup>2</sup> ~ 0.2mm <sup>2</sup> /26 ~ 24 AWG
Line diameter range	Φ5.5mm ~ Φ7mm
Diameter×number	8
Rated current(A)	1.5A
Operation voltage(AC.V.RMS)	/
Contact resistance	<30mΩ
Temperature rise	/
Withstand voltage (AC.V)1minute	1000V
Insulation resistance	> 500MΩ
Protection level	IP65/IP67
Mating cycle	≥500times
Working temperature	-40℃ ~ 80℃
Connection mode	Bayonet connection
Wiring mode	Welding / Crimping

## Material

Insulation components	High-performance engineering plastics
Hardware	Zinc alloy ( Nickel Plating )
PIN	Copper alloy   gold plating
Waterproof circle	Silica gel
Flame retardant grade	UL94-V0

## Core tables

the number of pins	routine	
The PIN map		
Rated current	5A	
Operating voltage	500V	
Withstanding Voltage	1000V	
Contact resistance	< 30mΩ	
Temperature rise	> 500MΩ	
Contact diameter x number	8	
Insertion force	22.25N Max.	
Durability	750次	
Screw torque	42-53(N.m) torque wrench200(N.m)	
Working temperature	-40℃ ~ +80℃	
Vibration	Frequency: 5~200Hz, amplitude: 5mm, speed: 10m/s,0.10us without instantaneous break	
Impact resistance	294m/s2	
Salt fog	PH6.5-7.2,NaCl,5% 48H	
Cable specification	0.15mm <sup>2</sup> -0.2mm <sup>2</sup> 26-24 AWG	
Diameter range	1/4 quick card fastener connection	Plug-type connection
Protection level	IP65/IP67	
Certification standards	Comply with the TUV and UL certification standards	

Technical drawings of the PE clamping cable plug showing dimensions and installation details.

**Dimensions figure**

95 REF

PE clamping cable plug (dimensions figure)

77 REF

**Socket Dimensions figure**

34.20, 14.90, 33.00, 26.00, 26.00, 35.70, 92.80

**Installation hole figure**

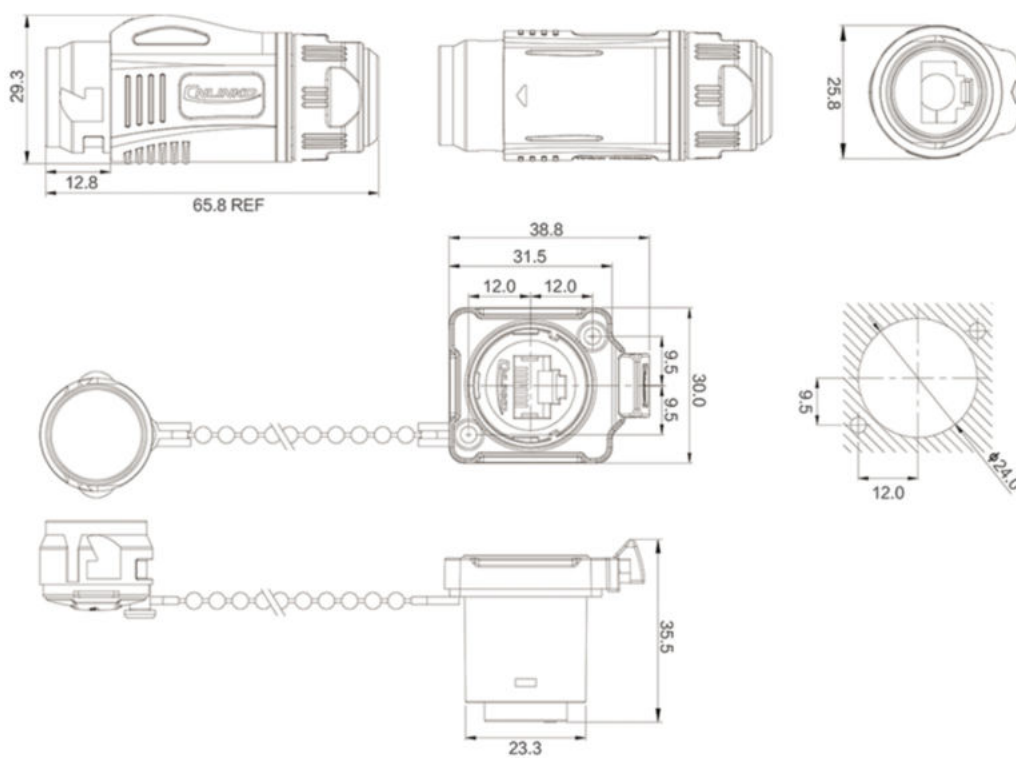
26.0, 26.0, 4-Ø3.2, Ø24.0



## Connection graph



## Appearance dimension





# YT-RJ45 Series



## Product parameter

Part NO.	YT-RJ45-CPE-11-001
Wire specification	0.15mm <sup>2</sup> ~ 0.2mm <sup>2</sup> /26 ~ 24 AWG
Line diameter range	Φ5.5mm ~ Φ7mm
Diameter×number	8
Rated current(A)	1.5A
Operation voltage(AC.V.RMS)	/
Contact resistance	<30mΩ
Temperature rise	/
Withstand voltage (AC.V)1minute	1000V
Insulation resistance	> 500MΩ
Protection level	IP65/IP67
Mating cycle	≥500times
Working temperature	-40℃ ~ 80℃
Connection mode	Bayonet connection

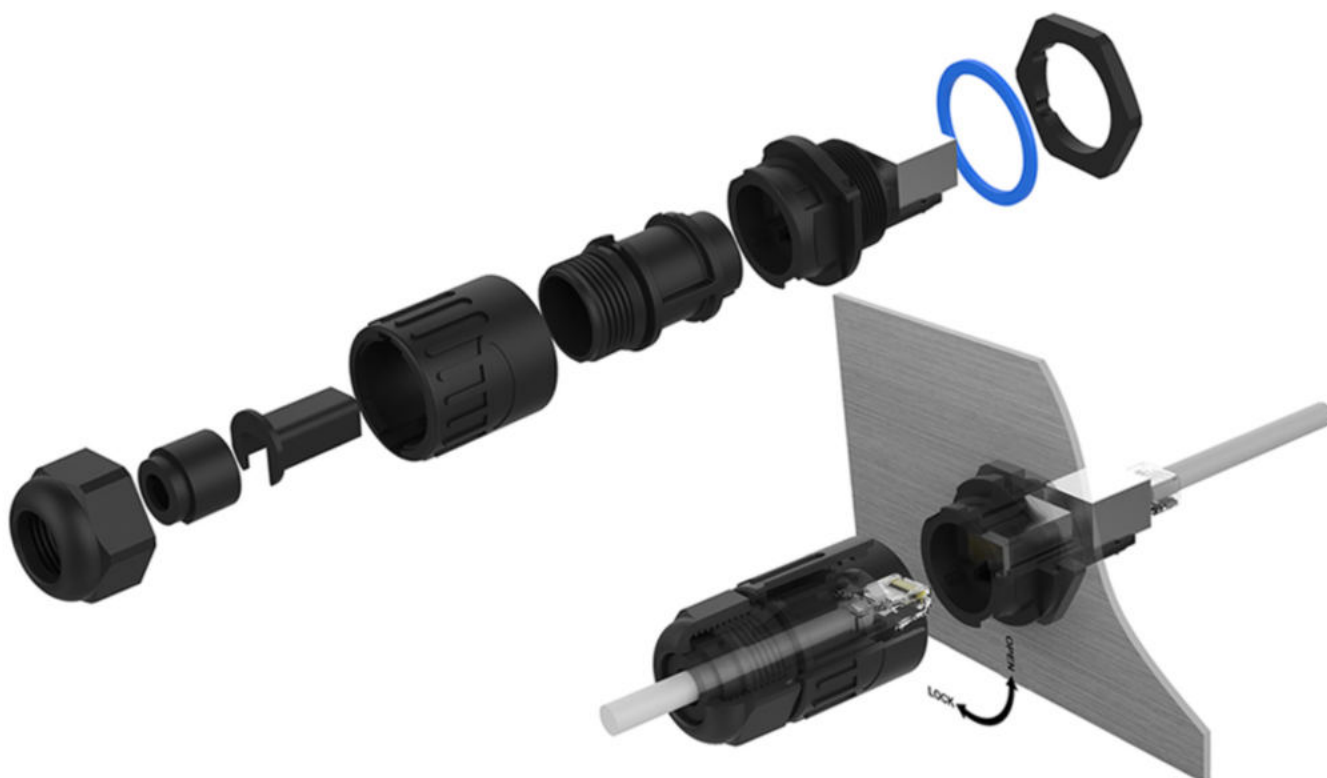
## Material

Insulation components	High-performance engineering plastics
Hardware	Zinc alloy ( Nickel Plating )
PIN	Copper alloy   gold plating
Waterproof circle	Silica gel
Flame retardant grade	UL94-V0

## Core tables

the number of pins	routine	
The PIN map		
Rated current	5A	
Operating voltage	500V	
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Contact diameter x number	8	
Insertion force	22.25N Max.	
Durability	750次	
Screw torque	42-53(N.m) torque wrench200(N.m)	
Working temperature	-40℃ ~ +80℃	
Vibration	Frequency: 5~200Hz, amplitude: 5mm, speed: 10m/s,0.10us without instantaneous break	
Impact resistance	294m/s2	
Salt fog	PH6.5-7.2,NaCl,5% 48H	
Cable specification	0.15mm <sup>2</sup> -0.2mm <sup>2</sup> 26-24 AWG	
Diameter range	1/4 quick card fastener connection	Plug-type connection
Protection level	IP65/IP67	
Certification standards	Comply with the TUV and UL certification standards	

### Connection graph

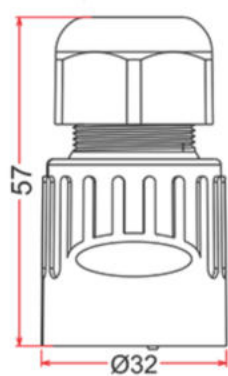


### Appearance dimension

Dimensions figure



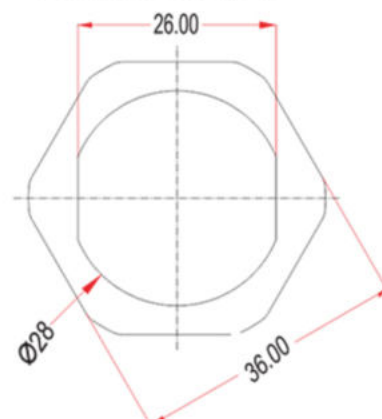
Plug (dimensions figure)



S socket (dimensions figure)



Installation hole figure





# YT-RJ45 Series



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Connection graph



Appearance dimension

