

LP-24-Fiber Optic Series



Product parameter

Wire specification	0.15Mm ² ~0.2Mm ² /26-24AWG
Line diameter range	Φ5.5mm~Φ7mm
Diameter×number	2
Rated current(A)	/
Operation voltage(AC.V.RMS)	/
Contact resistance	/
Temperature rise	/
Withstand voltage (AC.V)1minute	/
Insulation resistance	> 500MΩ
Protection level	IP65/IP67
The number of durable	≥500次
Working temperature	-40℃~80℃
Connection mode	Quick plug connection
Wiring mode	/

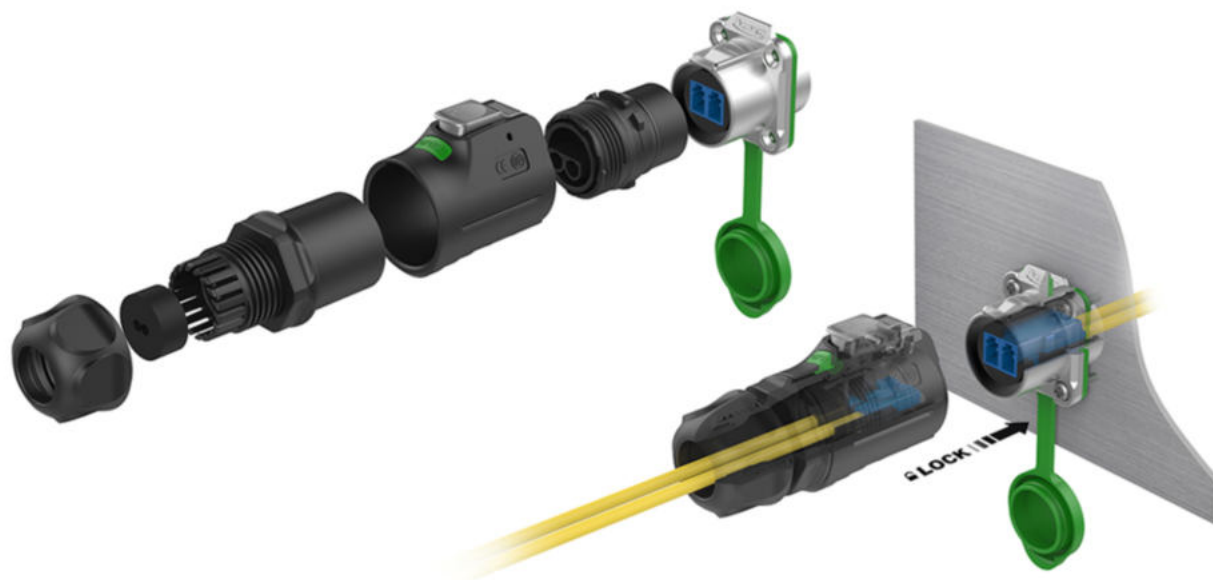
Material

Insulation components	High-performance engineering plastics
Hardware	Aluminum alloy
PIN	Copper alloy gold plating
Waterproof circle	Silicone
Flame retardant grade	UL94-V0

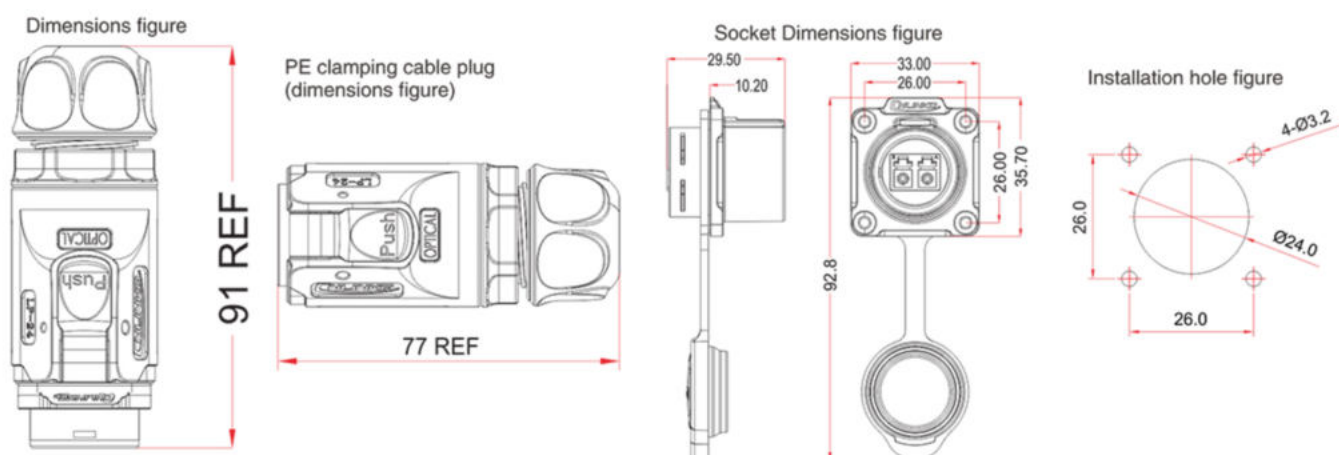
Core tables

the number of pins	LP-24 Optical fiber	DH-24 Optical fiber	
The PIN map			
Rated current			
Operating voltage			
Withstanding Voltage			
Contact resistance			
Temperature rise			
Contact diameter x number	2		
Insertion force	4.5N Max.		
Durability	1700times		
Screw torque	42-53(N.m) torque wrench 200(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	2.5mm ² -4mm ² /12-14AWG		
Diameter range	The applicable scope of OD (4 - Φ Φ 14) mm with waterproof circle (Φ 7 mm, 14 mm Φ)		
Protection level	IP67		
Certification standards	Comply with the TUV and UL certification standards		

Connection graph



Appearance dimension



DH-24 Fiber Optic Series



Product parameter

Protection level	
Wire specification	0.15Mm ² ~0.2Mm ² /26-24AWG
Line diameter range	Φ5.5mm~Φ7mm
Diameter×number	2
Rated current(A)	/
Operation voltage(AC.V.RMS)	/
Contact resistance	/
Temperature rise	/
Withstand voltage (AC.V)1minute	/
Insulation resistance	> 500MΩ
IP65/IP67	
The number of durable	≥500times
Working temperature	-40℃~80℃
Connection mode	Quick plug connection
Wiring mode	/

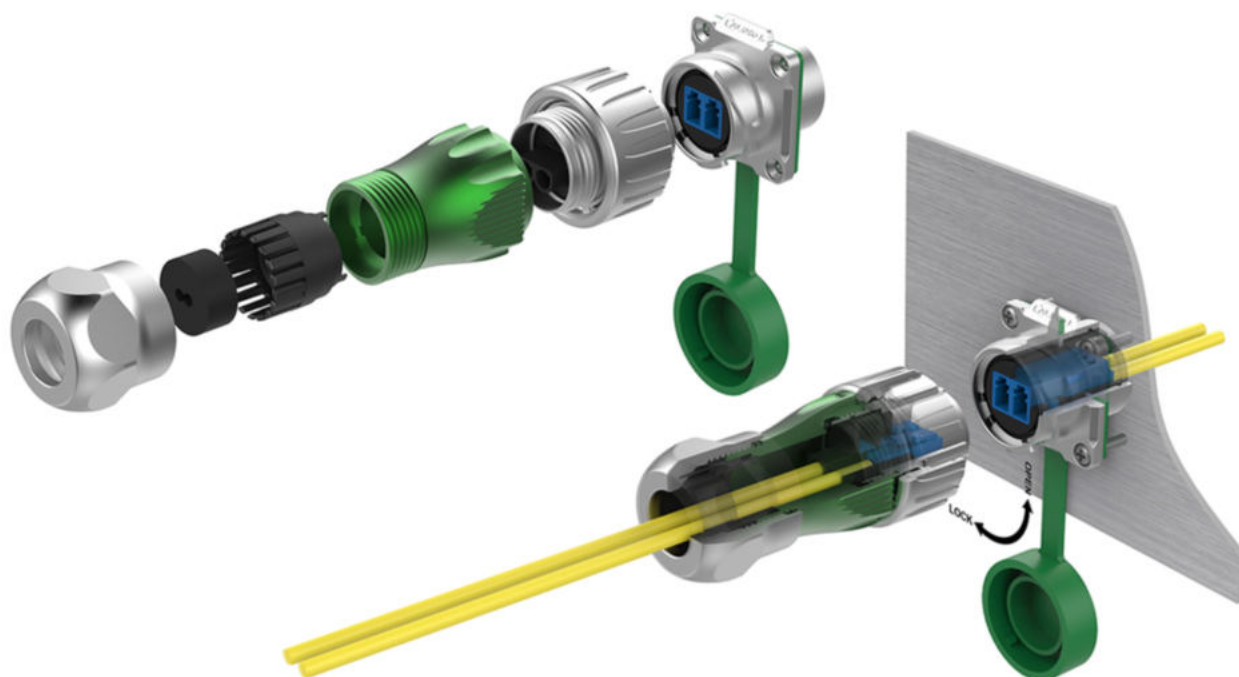
Material

Insulation components	High-performance engineering plastics
Hardware	Aluminum alloy
PIN	Copper alloy gold plating
Waterproof circle	Silicone
Flame retardant grade	UL94-V0

Core tables

the number of pins	LP-24 Optical fiber	DH-24 Optical fiber	
The PIN map			
Rated current			
Operating voltage			
Withstanding Voltage			
Contact resistance			
Temperature rise			
Contact diameter x number	2		
Insertion force	4.5N Max.		
Durability	1700times		
Screw torque	42-53(N.m) torque wrench 200(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	2.5mm ² -4mm ² /12-14AWG		
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Protection level	IP67		
Certification standards	Comply with the TUV and UL certification standards		

Connection graph



Appearance dimension

