

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 equipment,AV system and others.



Male plug



female connector



Female socket



Female socket



Protective cover

- 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: 2/3/4/5/7pin for power, 9/12pin 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.



Unique CNLINKO design



Gold-plating copper



Groove female design



Unique design reinforce lock

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	2.5mm ² ~ 4mm 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℃ 25A.....40℃I , 30A.....50℃I.		
Withstanding Voltage (AC.V) 1 minute	2500V		
Insulation resistance	> 500MΩ		
Protection level	IP65/IP67		
Durability	≥ 500times		
Working temperature	-40℃ ~ 80℃		
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

