

## I4PLUGIP68

CAT6A RJ45 PLUG SHIELDED IP68

### + BENEFITS

- IP68 protection level suitable to harsh environments : dustproof & waterproof
- Shielded ZAMAC 360 °
- 1/4 turn waterproof lock
- Easy and quick to wire



## DESCRIPTION / APPLICATIONS

- RJ45 CAT6A plug suitable to harsh environments (industry, outdoor, ...)
- IP68 protection rating
- Tool less assembly and connexion
- Compliant to all standards required for structured cabling
- ZAMAC shielding for mechanical resistance and electromagnetic interferences protection
- Allows waterproofing flexible links connection such as patchcords up to AWG24

## NORMS

- Ethernet base T jusqu'à 10Gbits/s
- IEEE 802.3af/at/bt (PoE / PoE+/4pPoE)
- ISDN
- UL 1863

## ENVIRONMENTAL PROPERTIES

**OPERATING TEMPERATURE :**  
-25°C à +50°C

**CONFORM TO :**  
RoHS and REACH

## ELECTRICAL PROPERTIES

**CURRENT :**

1.5A

**CONTACT RESISTANCE:**

20mΩ

**ISOLATION RESISTANCE:**

500MΩ

**DIELECTRIC WITHSTAND VOLTAGE:**

1000Vac - 60Hz

## MECHANICAL / TECHNICAL PROPERTIES

**COATING:**

Plastic ring : PA 66

Connector : Zn alloy+Nickel Plated

**SHIELDING :** Zamac

**INSERTION CYCLE :** 750 cycles

**CONTACTS :** Bronze, platine Ni+Au 1.2μm

**INSERTION FORCE :** 30N

**AWG ADMISSIBLE :** 22-26 solid

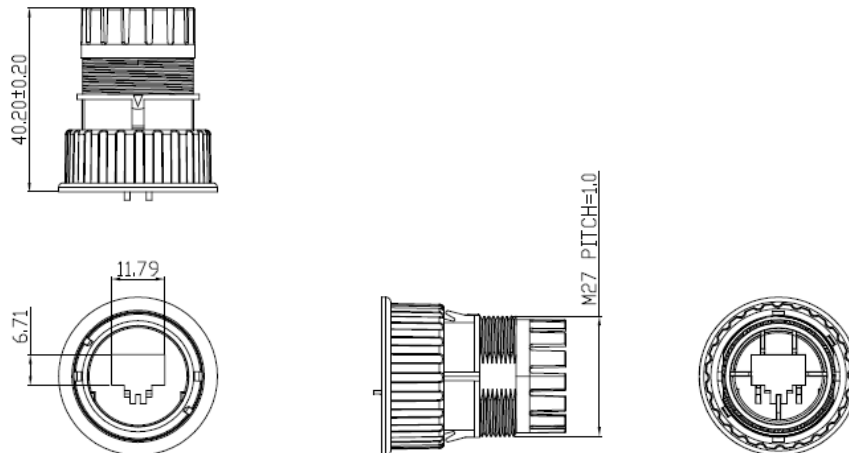
24-26 stranded

## PERFORMANCES

SYSTEM
TIA 568-C.2 CAT6A
ISO 11801 Ed3 Class Ea
EN 50173-1

APPLICATION
IEEE 802.3af/at/bt (PoE / PoE+/4pPoE)

## DRAWINGS



## ORDER INFORMATION

P/N	DESCRIPTION	PACKAGING
I4PLUGIP68	RJ45 CAT6A PLUG IP68	Unit

## ASSOCIATED PRODUCTS



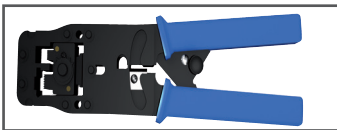
**I46AFSIP68**  
CAT6A RJ45 connector shielded IP68



**I4COUPL6AIP68**  
CAT6A coupler shielded IP68



**I4CAPPLUG**  
Sealing cap for RJ45 plug



**MMCP86MET**  
CRIMPING TOOL RJ11/RJ45 PLUG