# I4TCOUPL6AIP68
IP68 CAT6A RJ45 FEMALE–FEMALE FIELD COUPLER

## ➕ BENEFITS

- IP68 protection level suitable to harsh environments : dustproof & waterproof
- ZAMAC shielding 360 °
- 1/4 turn waterproof lock
- Toolless assembly

IP 68

6a

10 G. BITS

## DESCRIPTION / APPLICATIONS

- CAT6A RJ45 female/female straight junction coupler for Industrial Ethernet RJ45 CAT6A network
- Field mounting
- IP68 protection rating
- Suitable to harsh environments (industrial, outdoor, …)
- Ea class link performance
- Zamac shielding to avoid electromagnetic interference

## NORMS

- Ethernet base T up to 10Gbits/s
- ISDN

- IEEE 802.3af/at/bt (PoE / PoE+/4pPoE)
- UL 1863

## ENVIRONMENTAL PROPERTIES

**OPERATING TEMPERATURE :**
–25°C to +50°C

**CONFORM TO :**
RoHS and REACH

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## 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+Ni alloy
**SHIELDING :** Zamac

**INSERTION CYCLE :** 750 cycles

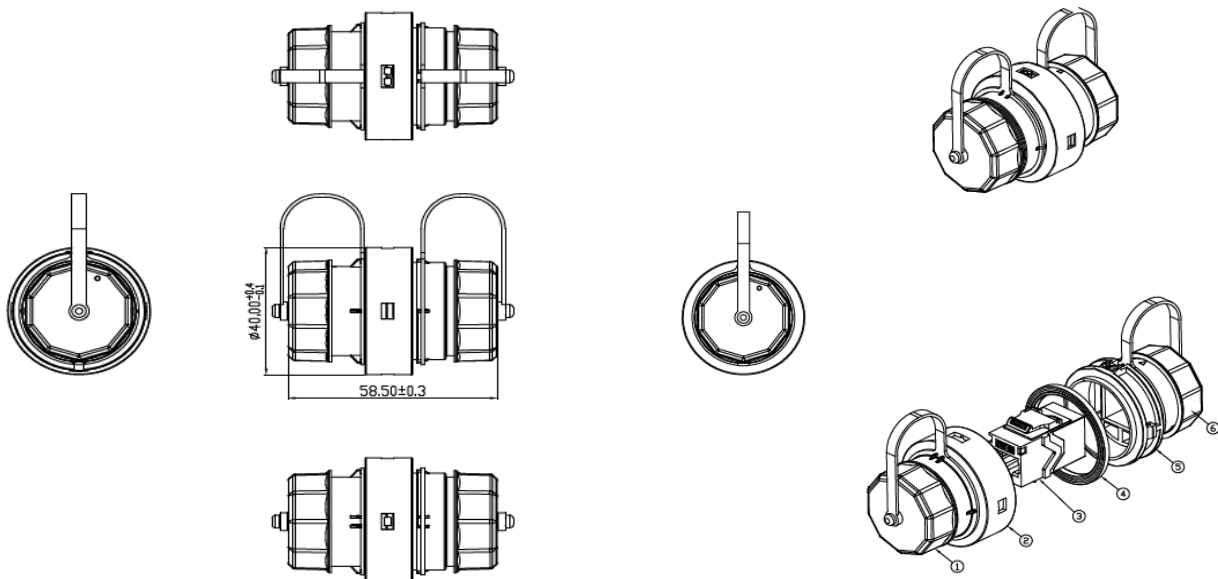**CONTACT :** Bronze, platine Ni+Au 1.2µm

**INSERTION FORCE :** 30N

## PERFORMANCES

| SYSTEM | APPLICATION |
|---|---|
| TIA 568–C.2 CAT6A | IEEE 802.3af/at/bt (PoE / PoE+/4pPoE) |
| ISO 11801 Ed3 Class Ea | |
| EN 50173–1 | |

## DRAWINGS



Ø40.00±0.4

58.50±0.3

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## ORDER INFORMATION

| P/N | DESCRIPTION | PACKAGING |
|---|---|---|
| I4TCOUPL6AIP68 | IP68 Cat6A RJ45 female-female field coupler | Unit |

## ASSOCIATED PRODUCTS



**I4PLUGIP68**
IP68 RJ45 CAT6A plug



**I4PLST6AIP68**
IP68 RJ45 CAT6A field plug

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