VITALCONN
a vital connector company

Waterproof Product Series Introduction

Waterproof connectors are designed for applications requiring reliable and secure connections in wet or submerged environments, thus avoiding leakage into or out of devices.

Vitalconn Electronics has developed, manufactured a series of waterproof products as below to maintain your devices connectivity's reliability in the long term from rain, mud, intense water jets to salty mist environment etc.

- Waterproof Cat6 RJ45 Coupler
- Screw Locking Waterproof RJ45 Coupler(180 Deg.) with Cap
- Screw Locking Waterproof RJ45 Coupler with Cap
- Screw Locking Waterproof Type-C Coupler with Cap
- Screw Locking Waterproof USB 3.0 Coupler with Cap
- Quick Locking Waterproof Cable Side with Cable & Plug
- Screw Locking Waterproof USB 2.0 with Plug
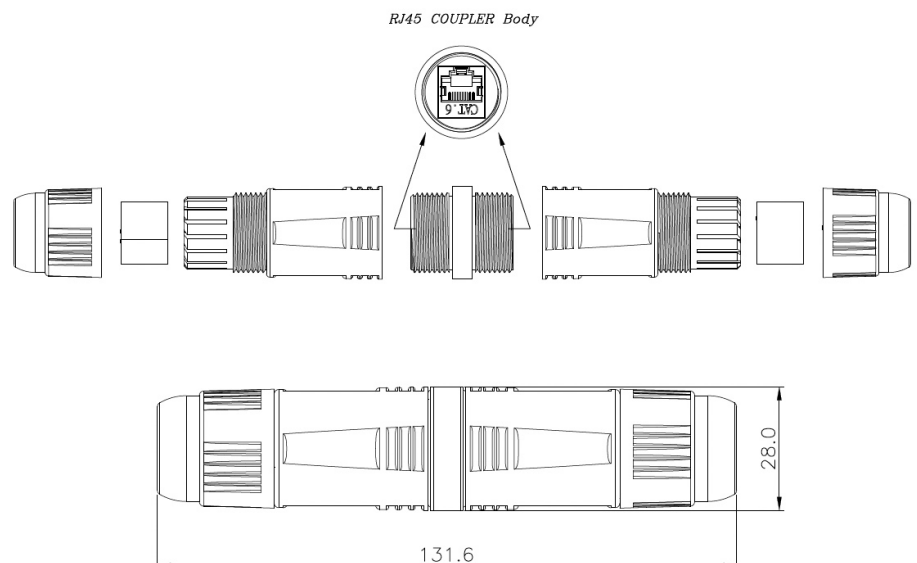- Screw Locking Waterproof Cable Assembly

Waterproof Cat6 RJ45 Coupler

Materials:

- **Plastic Housing**: Engineering Thermoplastic Flammability Rating UL 94V-0.
- **Contacts:** Phosphor Bronze
- **Plating:** Gold Plating Over Nickel in Contact
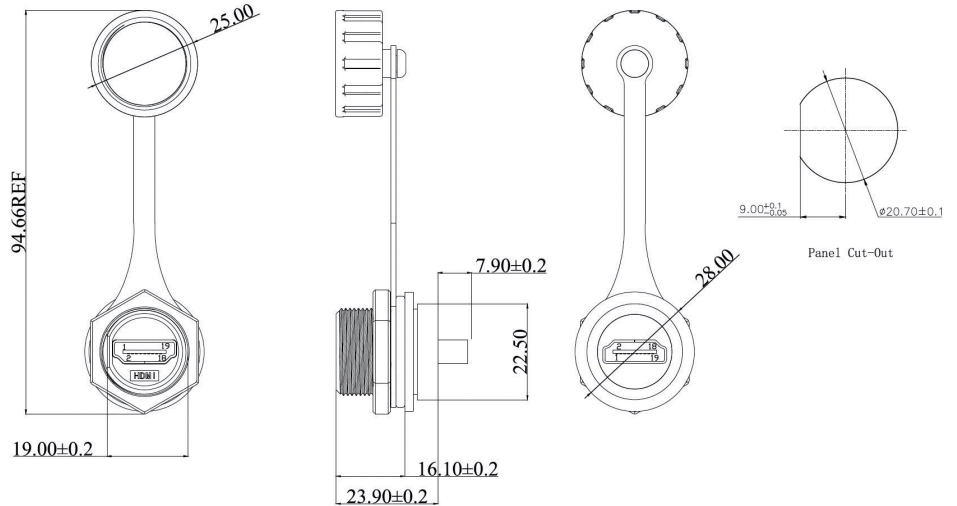- **Nut**: Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket**: Silicone

Ordering Info

VWP99-230614BF3

Mechanical

RJ45 COUPLER Body

CAT.6

28.0

131.6

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Screw Locking Waterproof HDMI Coupler with Cap

Materials:

Mechanical

- **Plastic Housing**: Engineering Thermoplastic Flammability Rating UL 94V-0.
- **Contacts**: Phosphor Bronze
- **Plating**: Gold Plating Over Nickel in Contact
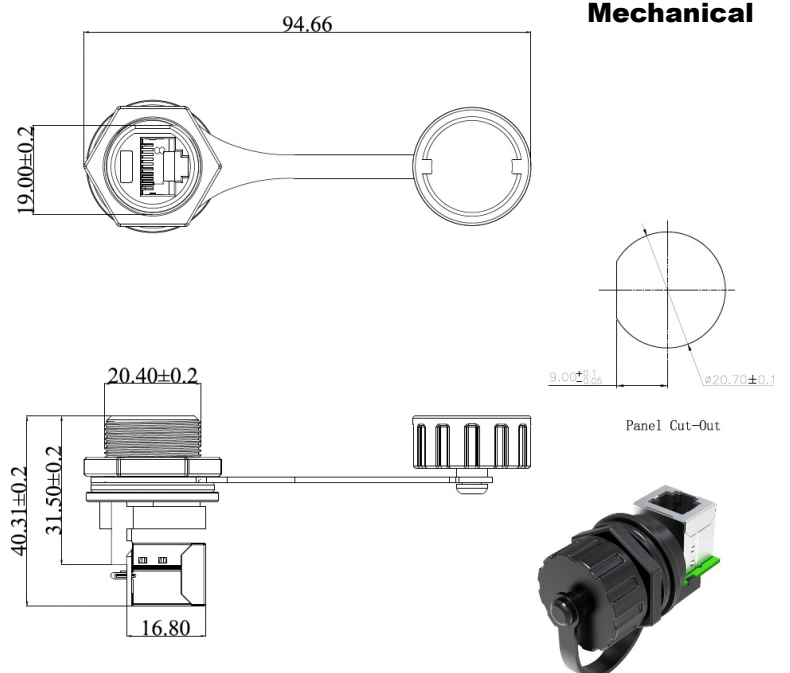- **Nut**: Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket**: Silicone

25.00
94.66REF
19.00±0.2
7.90±0.2
22.50
16.10±0.2
23.90±0.2
28.00
9.00±0.1/0.05 Ø20.70±0.1
Panel Cut-Out

Ordering Info

VWP99-230614BF3

Screw Locking Waterproof RJ45 Coupler(180 Deg.) with Cap

Materials:

Mechanical

- **Plastic Housing**: Engineering Thermoplastic Flammability Rating UL 94V-0.
- **Contacts**: Phosphor Bronze
- **Plating**: Gold Plating Over Nickel in Contact
- **Nut**: Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket**: Silicone

94.66
19.00±0.2
20.40±0.2
40.31±0.2
31.50±0.2
16.80
9.00±0.1/0.05 Ø20.70±0.1
Panel Cut-Out

Ordering Info

VWPTM-220728EF3

Screw Locking Waterproof RJ45 Coupler with Cap

Materials:

Mechanical

- **Plastic Housing**: Engineering Thermoplastic Flammability Rating UL 94V-0.
- **Contacts:** Phosphor Bronze
- **Plating:** Gold Plating Over Nickel in Contact
- **Nut**: Engineering Thermoplastic Flammability Rating UL 94V-0
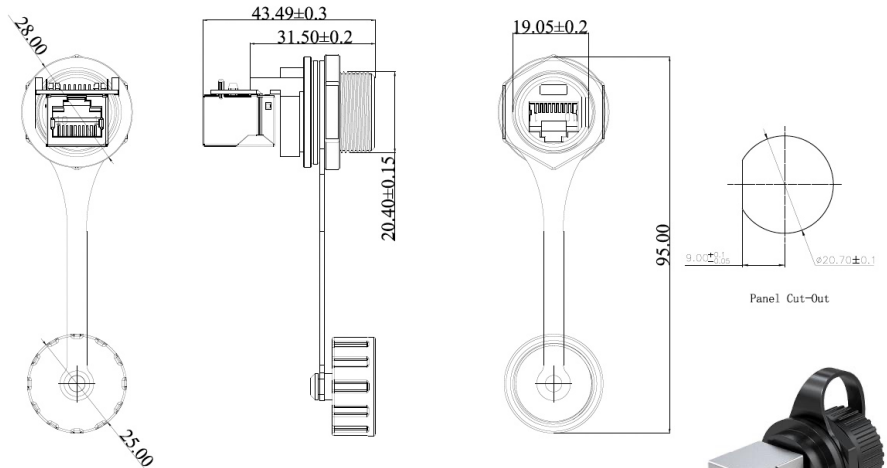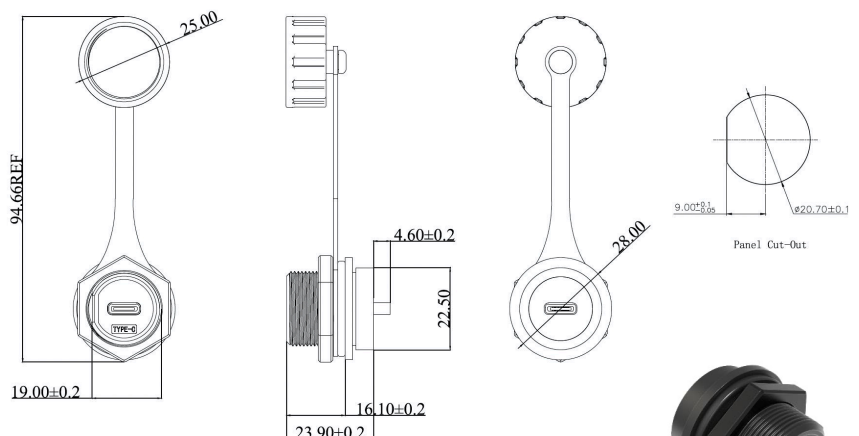- **Gasket**: Silicone

Ordering Info

VWPTM-220330F3

Screw Locking Waterproof Type-C Coupler with Cap

Mechanical

Materials:

- **Plastic Housing**: Engineering Thermoplastic Flammability Rating UL 94V-0.
- **Contacts:** Phosphor Bronze
- **Plating:** Gold Plating Over Nickel in Contact
- **Nut**: Engineering Thermoplastic Flammability Rating UL 94V-0
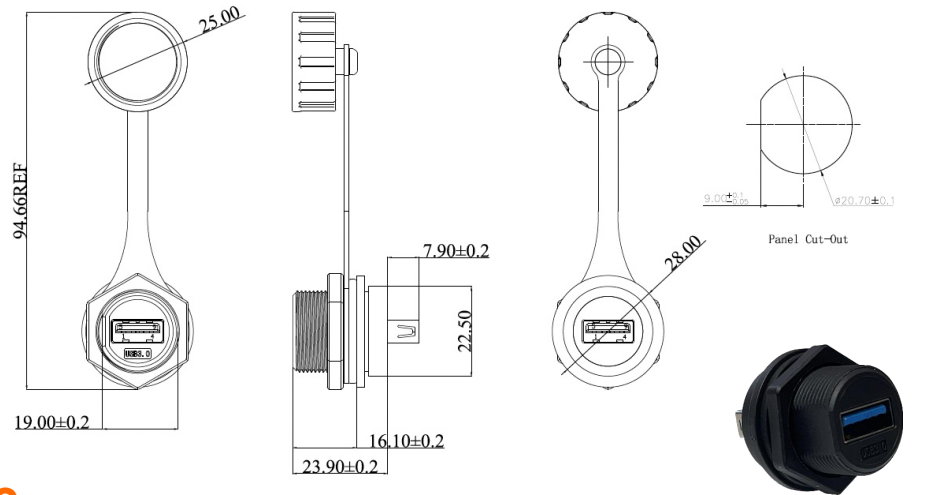- **Gasket**: Silicone

Ordering Info

VWP99-221205F3

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Screw Locking Waterproof USB 3.0 Coupler with Cap

Materials:

Mechanical

- **Plastic Housing**: Engineering Thermoplastic Flammability Rating UL 94V-0.
- **Contacts**: Phosphor Bronze
- **Plating**: Gold Plating Over Nickel in Contact
- **Nut**: Engineering Thermoplastic Flammability Rating UL 94V-0

25.00

94.66REF

19.00±0.2

7.90±0.2

22.50

16.10±0.2

23.90±0.2

28.00

9.00±0.1 Ø20.70±0.1

Panel Cut-Out

Ordering Info

VWPTM-230614AF3

Quick Locking Waterproof Cable Side with Cable & Plug

Mechanical

5.30±0.25

15.80

L

30.30

47.40REF.

25.00±0.25

14.00

Materials:

- **Plastic Housing**: Engineering Thermoplastic Flammability Rating UL 94V-0.
- **Contacts:** Phosphor Bronze
- **Plating:** Gold Plating Over Nickel in Contact
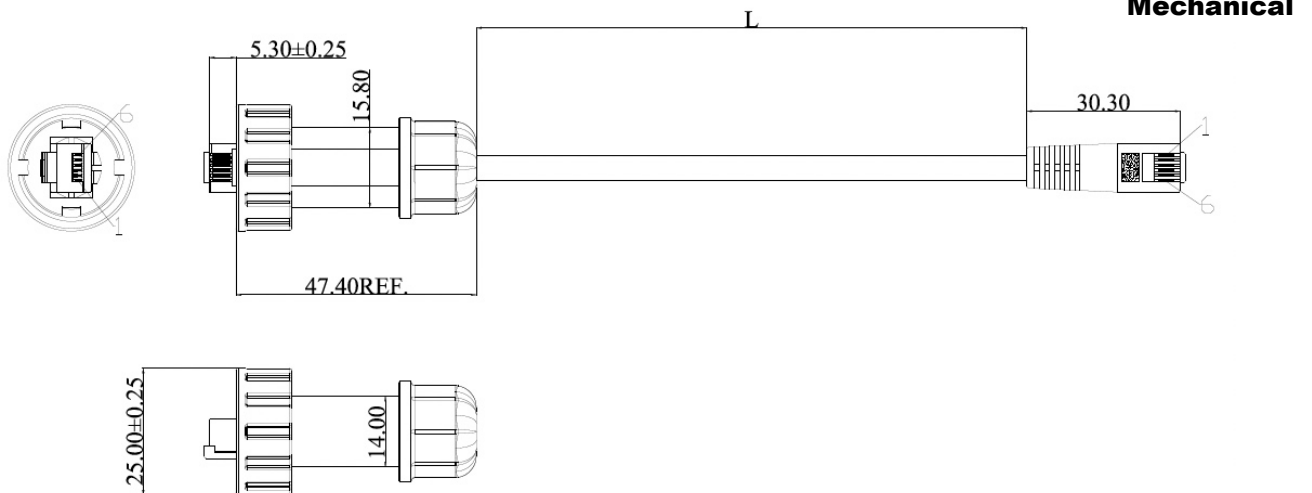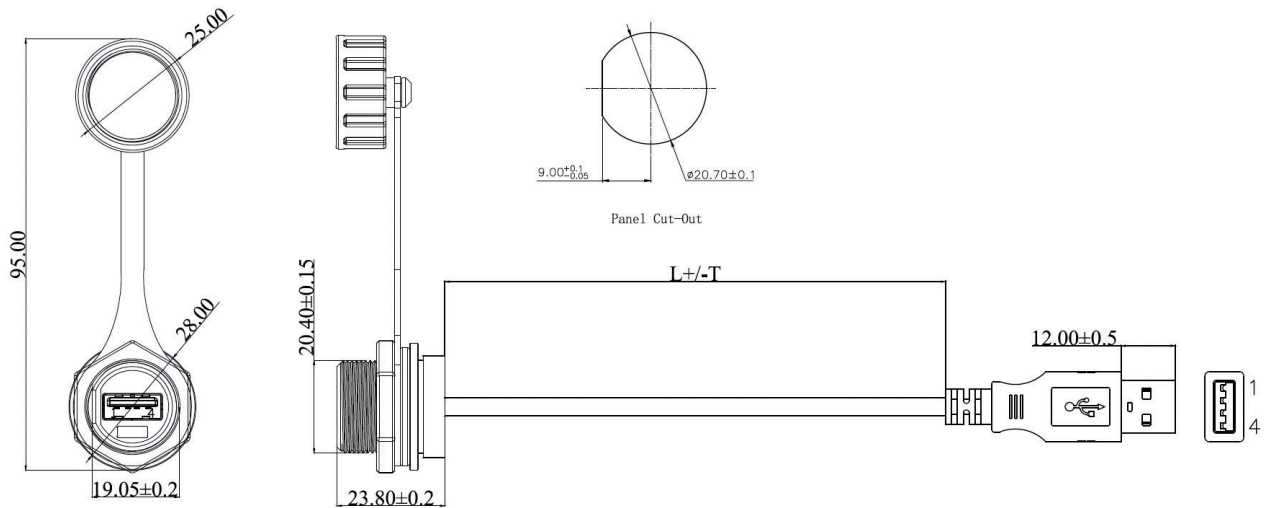- **Nut**: Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket**: Silicone
- **RJ45 Plug Housing:** PC
- **RJ45 Plug Contacts:** Phosphor Bronze, Finish: Gold over Nickel
- **Cable:** Cat 5e

Ordering Info

VWPTM-22728HF3

Screw Locking Waterproof USB 2.0 with Plug

25.00

95.00

28.00

19.05±0.2

20.40±0.15

23.80±0.2

Panel Cut-Out

9.00⁺⁰·¹₋₀.₀₅

$9.00^{+0.1}_{-0.05}$ $\phi 20.70 \pm 0.1$

L+/-T

12.00±0.5

1
4

Materials:

- **Plastic Housing**: Engineering Thermoplastic Flammability Rating UL 94V-0.
- **Contacts:** Phosphor Bronze
- **Plating:** Gold Plating Over Nickel in Contact
- **Nut**: Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket**: Silicone

Ordering Info

VWPTM-230602F3