



# CIRCULAR SERIES

## UNDERWATER AND HARSH ENVIRONMENT CONNECTORS

- Application**
- 1 Remotely Operated Vehicle (ROV) and Autonomous Underwater Vehicle (AUV) systems
  - 2 Underwater video, camera and lighting systems
  - 3 Diving equipment and systems
  - 4 Sonar systems
  - 5 Oil rig, offshore oil and gas, and renewable energy systems applications
  - 6 Oceanographic systems and equipment
- Customized Solutions**
- 1 Customers can specify the specification, material and reserved length of supporting wires and cables
  - 2 Customers specified main material of the underwater connector
  - 3 Makes systematic plan for different application environment
- Connector specifications and property**
- 1 Voltage rating 600V DC/AC
  - 2 Current rating 10A
  - 3 Insulation resistance >200MΩ
  - 4 Contact resistance <0.01Ω
- Connector material specification**
- 1 Connector body Neoprene
  - 2 Pin Gold-plated brass/series, dams, and water ways.



## OUR ADVANTAGES

- EASY SOLUTIONS**  
ADAPTABILITY IS ONE OF OUR BEST QUALITIES. PERMIT US TO COPE WITH YOUR REQUEST ON A SHORT NOTICE AND EFFECTIVELY.
- NO PRICE FIGHTS**  
WE ESCAPED THE CLASSICAL "REBATE UNTIL YOU DROP" POLICY. WE ARE PRICE WISE SINCE THE BEGINNING.
- HIGH LEVEL EXPERIENCE**  
OUR TECHNICAL CAPABILITIES HAVE BEEN TESTED FOR MORE THAN 30 YEARS AND DIRECT CONNECTION WITH END USERS. SO TODAY.
- ENDLESS INVESTIGATION**  
WE CONTINUOUSLY MEASURE EVERYTHING. TEST AND TEST AGAIN. THIS HELPS UNDERSTAND RISKS AND REWARDS. AND BE PREPARED.
- NO FORTUNE TELLER**  
WE BASE OUR DECISIONS ON CLEAR BUSINESS PLANS. THINKING BEFORE MAKING OUR STEPS AND KEEPING "GAIN" NOT "LOSS" LIST FOR EVERYONE OF THEM.
- TEAM BUILDING**  
OUR TEAMS MADE NOT ONLY BY OUR STAFF BUT IT INCLUDES ALSO ALL OUR CUSTOMERS. WE ACT LIKE A TEAM. WE GROW LIKE A TEAM. WE WIN LIKE A TEAM.

## APPLICATION



## PRODUCT MIX

**Circular Series 2 Contact**

**Circular Series 3 Contact**

**Circular Series 4 Contact**

**Circular Series 5 Contact**

**Circular Series 6 Contact**

**Circular Series 8 Contact**

**Circular Series 10 Contact**

**Circular Series 12 Contact**

**Circular Series 16 Contact**

**Circular Series 25 Contact**

**CIRCULAR 2, 3, 4 AND 5 CONTACTS**

7/16-20 UNF - 2A, 41, 28, 26, 19, 31.5, 19, Hex Flats 3/4"

**CIRCULAR 6, 8 AND 10 CONTACTS**

28, 19, 3/8-18 UNF - 2A, 41, 31.5, 19, 1/2" Tygon Tube

**CIRCULAR 12, 16 AND 25 CONTACTS**

30, 19, 1" Tygon Tube, 3/8-18 UNF - 2A, 53.7, 37.2, 22.8

**Product Showcase:**

- 2 Contact
- 3 Contact
- 4 Contact
- 5 Contact
- 6 Contact
- 8 Contact
- 10 Contact
- 12 Contact
- 16 Contact
- 25 Contact

## SUBSEA CONNECTORS AND SUBSEA CABLES

RV POWER GROUP is an underwater connector factory in China. We are a global supplier focusing on the ocean (marine) solution for underwater connectors and cables. Specializing in the design, manufacture, sales and service. If your project is in the design stage, we can provide engineering assistance with the professional advice. If your requirements are already specified and ready for quote, we will try our best to meet your deadlines and pricing targets and finally deliver the high-quality stable products as you need.

RV POWER GROUP subsea connectors and subsea cables are suitable for oceanographic systems, offshore oil and gas, defense systems, geo-seismic research, diving systems and equipment, ship projects, subsea survey, underwater instruments, mining equipment, underwater monitoring/inspection/observations, underwater data logger, subsea navigator, hydrography equipment, aquaculture farm and services inspection, underwater robotics like remote operation vehicles (ROVs & ROUVs) and autonomous Underwater Vehicles (AUV), and submarines, ship towed sonars and underwater acoustic devices, etc.

With the state-of-the-art technology and professional engineer team, we believe you find the right partner here with excellent service. In case you do not find a suitable solution within our standard range, please do not hesitate to contact us for customization.

### Underwater and harsh environment connectors

- Circular Series
- Micro Circular Series
- Low Profile Series
- Micro Low Profile series
- Ethernet Series
- Optical fiber and Power Series
- Power Series
- Split Series
- Aviation plug Series
- Coax series
- Metal Shell series
- RMG Series
- 55 Series
- Specials Series
- Underwater PUR Cable
- ROV Tether Cable
- Additional accessories



## CIRCULAR SERIES UNDERWATER AND HARSH ENVIRONMENT CONNECTORS



## DETAIL DISPLAY

**ONE**

Circular connectors are available in various standard and micro size configurations with 1 to 25 pins.

**TWO**

High grade chloroprene rubber with different types of body material and feature a high depth rating

**THREE**

available in different standard shell sizes with contacts rated at 300 to 600 V up to 5 to 10 A.

**FOUR**

available in bulkhead, in-line and field installable over-mould versions. All bulkhead connectors come with colour coded or numbered PTFE leads

**FIVE**

dependable and rugged connectivity solution for underwater and harsh marine environment applications

- OIL RESISTANT**
- FLAME RESISTANT**
- HALOGEN FREE**
- COLD RESISTANT**
- ABRASION RESISTANT**
- OZONE RESISTANT**
- UV RESISTANT**
- MICROBE RESISTANT**
- MUD RESISTANT**
- WATER RESISTANT**