



# SPLIT 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

### Connector material specification

Standard = 316 Stainless Steel

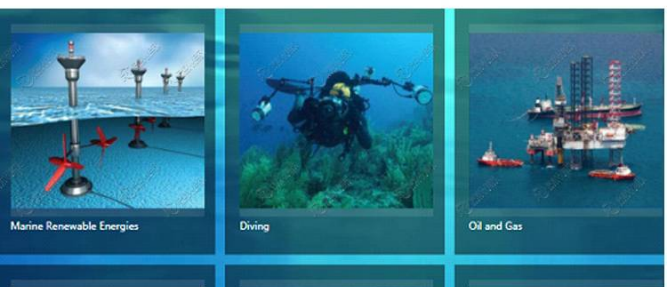
Maximum current carrying capacity for contacts may be affected by cable selection.

Provided proper handling procedures are adhered to.

Locking sleeves are not standard and must be ordered separately. Available in Polyacetal or Stainless Steel.

Bulkhead nut/washer is not standard and must be ordered separately. Available in Stainless Steel.

- Always apply grease before mating
- Disconnect by pulling straight, not at an angle
- Do not pull on the cable and avoid sharp bends at cable entry
- When using a bulkhead connector, ensure that there are no angular loads
- Make sure to apply the recommended torque when tightening bulkhead nuts
- Connectors should not be exposed to extended periods of heat or direct sunlight. If a connector becomes very dry, it should be soaked in fresh water before use
- Greasing and mating above water (dry mate)
- Recommended level of grease
- Connectors must be greased with Molykote 44 Medium before every mating
- A layer of grease corresponding to minimum 1/10 of socket depth should be applied to the female connector
- The inner edge of all sockets should be completely covered, and a thin transparent layer of grease left visible on the face of the connector
- After greasing, fully mate the male and female connector in order to secure optimal distribution of grease on pins and in sockets
- To confirm that grease has been sufficiently applied, de-mate and check for grease on every male pin. Then re-mate the connector



strong x durable



## OUR ADVANTAGES



### EASY SOLUTIONS

ADAPTABILITY IS ONE OF OUR BEST QUALITIES. IT PERMITS US TO COPE WITH YOUR REQUESTS IN 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 INDIRECT 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 AN EYE ON THE LIST FOR EVERYONE OF THEM



### TEAM BUILDING

OUR TEAMS MADE NOT ONLY BY OUR STAFF BUT ALSO ALL OUR CUSTOMERS. WE ACT LIKE A TEAM. WE GROW LIKE A TEAM. WE WIN LIKE A TEAM.

## APPLICATION



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## PRODUCT MIX



### 2 Split Series



### 3 Split Series



### 4 Split Series



### 6 Split Series



### 7 Split Series



### 8 Split Series



### 12 Split Series

### 8 Split Series



## SUBSEA CONNECTORS AND SUBSEA CABLES

RV POWER GROUP is a 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 & RÖTVs) 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
- Aviation plug Series
- Coax series
- Metal Shell series
- RMG Series
- 55 Series
- Specials Series
- Underwater PUR Cable
- ROV Tether Cable
- Additional accessories



## ETHERNET SERIES

## UNDERWATER AND HARSH ENVIRONMENT CONNECTORS



strong x reliable



## DETAIL DISPLAY



### ONE



Maximum current carrying capacity for contacts may be affected by cable selection.

### TWO

Locking sleeves are standard



### THREE



Provided proper handling procedures are adhered to

### FOUR

Standard = 316 Stainless Steel



### FIVE



Bulkhead nut/washer is standard. Available in Stainless Steel.



OIL RESISTANT



FLAME RESISTANT



HALOGEN FREE



COLD RESISTANT



ABRASION RESISTANT



OZONE RESISTANT



UV RESISTANT



MICROBE RESISTANT



MUD RESISTANT



WATER RESISTANT