

ETHERNET SERIES

UNDERWATER AND HARSH ENVIRONMENT CONNECTORS

Ethernet series marked the first high speed underwater communications system to offer true Ethernet type performance. The series is developed and manufactured to accommodate the demand for gigabit data speed, signal and power for increasingly capable and compact underwater systems. The series includes different types of Ethernet and combined power and Ethernet connector options in circular, metal shell and low profile configurations.

Ethernet connectors are capable of Gigabit speed performance and feature a high depth rating. Ethernet connectors are set to maximise data flow while eliminating cross talk and noise. With power contacts rated for 600 V at 4 A, combined power and Ethernet connectors allow signal and power supply to be unified in one high performance solution.

Ethernet connectors are available with specially designed Ethernet or combined power and Ethernet cables capable of Gigabit speed data transfer up to a distance of 75 metres. This flexible and water-resistant cable is manufactured from polyurethane (PUR). Ethernet connectors come with colour-coded leads and are available in bulkhead, inline, PressureBalanced Oil Filled (PBOF) and field installable overmould versions, together with injection moulded polyoxymethylene (POM) or stainless steel locking sleeves.

Applications

- Remotely Operated Vehicle (ROV) and Remotely Operated Towed Vehicle (ROTV) systems
- Oceanographic systems, equipment and instrumentation solutions
- Offshore oil and gas, renewable energy and subsea systems
- Defence systems and equipment
- Underwater camera and video systems
- Underwater control systems

Options

- Customised harness cables and direct moulding to selected polyurethane (PUR) cables
- Customer specified cable, wire leads and bulkhead thread lengths
- Customer specified connector body material



strong x durable

OUR ADVANTAGES



EASY SOLUTIONS

ADAPTABILITY IS ONE OF OUR BEST QUALITIES. PERMIT US TO COPE WITH YOUR REQUIREMENTS 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 A NOT TO DO 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



strong x durable

PRODUCT MIX



Ethernet Circular - 8 contacts



Power Ethernet Circular - 13 contacts



Power Ethernet Low Profile - 13 contacts

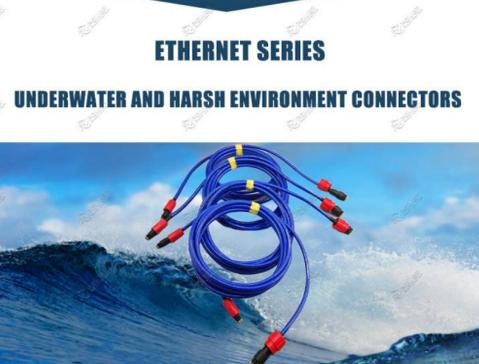
Ethernet Circular 8contacts



Power Ethernet Circular - 13 contacts



Power Ethernet Low Profile - 13 contacts



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 specially 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 (ROV's & ROTV's) 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

