



PHOTOELECTRIC SERIES

UNDERWATER AND HARSH ENVIRONMENT CONNECTORS

Photoelectric Series connector has been specially developed to offer fiber optic connection in a minimum sized connector. Designed for subsea equipment manufacturers, the low insertion loss and low back reflection make this connector perfect for high speed data and video transmission.

The rugged stainless steel design ensures the connector is robust and reliable – whether on the deck of a vessel, on a platform or when deployed at high ocean depth.

Custom Service 1Fiber,2 Fiber ,2Fiber+2 Power 2Fiber+5Power,4Fiber4Power ,12 Fiber +2 Power

Applications

- ROV, ROTV and UUV systems
- Fibre optic video and data multiplexers
- Cable ploughs
- Acoustics ranges
- Fibre optic riser fatigue systems
- General underwater fibre optic communication
- Renewable energy

Standard depth rating of 4000-6000 meters provides reliable fiber optic connection in the smallest connection connectors

Low insertion loss and low backside reflection make the connector ideal for high-speed data and video transfers

Single mode or multiple mode can be customized



strong x durable



OUR ADVANTAGES

- EASY SOLUTIONS**
ADAPTABILITY IS ONE OF OUR BEST QUALITIES. PERMIT 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 BENTENED 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 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



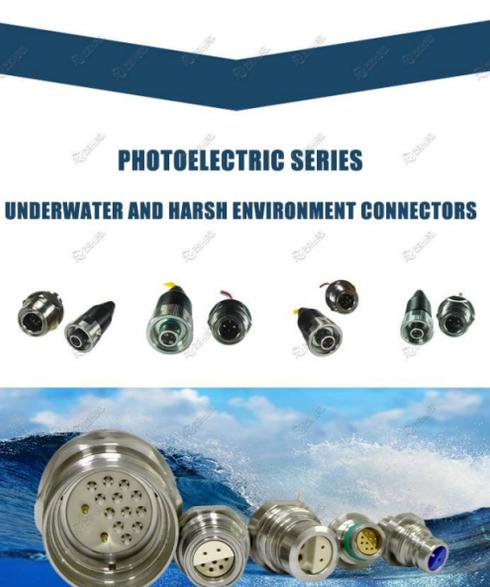
strong x durable



MAIN TECHNICAL

Rated Voltage	300v DC/AC
Rated Current	2 Power : Single Core Current 16-18A
Optical loss	≤ 2dB
Insulation resistance	> 200Mohm
Contact resistance	< 0.01ohm
Number of plugable	≥ 500 Times
Operating temperature (in water)	- 40 To 60°C, 25 To 140°F
Operating temperature (in air)	- 40 To 60°C · - 40 To 140°F
Storage temperature	- 40 To 60°C · - 40 To 140°F
Water pressure grade	1-40MPa
Cable Breaking Strength	50-500KG
Shell material	Stainless steel
sealing material	NBR/O molding ring
Lock cap	Dust proof, water proof/anodized aluminum alloy surface
Contact Pin	2.5SC 1.25LC Ceramic core connector
Contact Type	Tighten the plug/nut
Install the screw	7/8-14UNF-2A

Single-Fibre Connector Photoelectric Series



2 Fibre Connector Photoelectric Series



2Fiber+2 Power Photoelectric Series



4Fiber+2 Power Photoelectric Series



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, manufacturing, 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 subsea 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, hydrographic 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
- split series
- Aviation plug Series
- Coax series
- Metal Shell series
- RMG Series
- 55 Series
- Specials Series
- Underwater PUR Cable
- ROV Tether Cable
- Additional accessories

- Fire-performance & mud-resistant cables
- ROV dynamic umbilicals
- Maritime LAN
- Data acquisition cables
- Transfer lines
- Instrumentation cables
- Copperfiber LAN
- Accessories & custom software
- Umbilicals
- Remote operated Vehicles
- Marine fiber backbones
- Heating cables
- Optical fiber backbones
- LV, MV, HV cables

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DETAIL DISPLAY

ONE

Standard depth rating of 4000-6000 meters provides reliable fiber optic connection in the smallest connection connectors

TWO

Ethernet series marked the first high speed underwater communications system to offer true Ethernet type performance

THREE

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FOUR

Low insertion loss and low backside reflection make the connector ideal for high-speed data and video transfers

FIVE

Single mode or multiple mode can be customized

- OIL RESISTANT
- FLAME RESISTANT
- HALOGEN FREE
- COLD RESISTANT
- MUD RESISTANT
- WATER RESISTANT
- RESISTANT
- RESISTANT