



# PHOTOELECTRIC SERIES

## UNDERWATER AND HARSH ENVIRONMENT CONNECTORS

Photoelectric Series connector has been specially developed to offer reliable fibre 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 QUALITY TEST PERMIT US TO COPE WITH YOUR REQUEST 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. TEST AND TEST AGAIN. THIS HELPS UNDERSTAND RISKS AND REWARDS. AND BE PREPARED



### NO FORTUNE TELLER

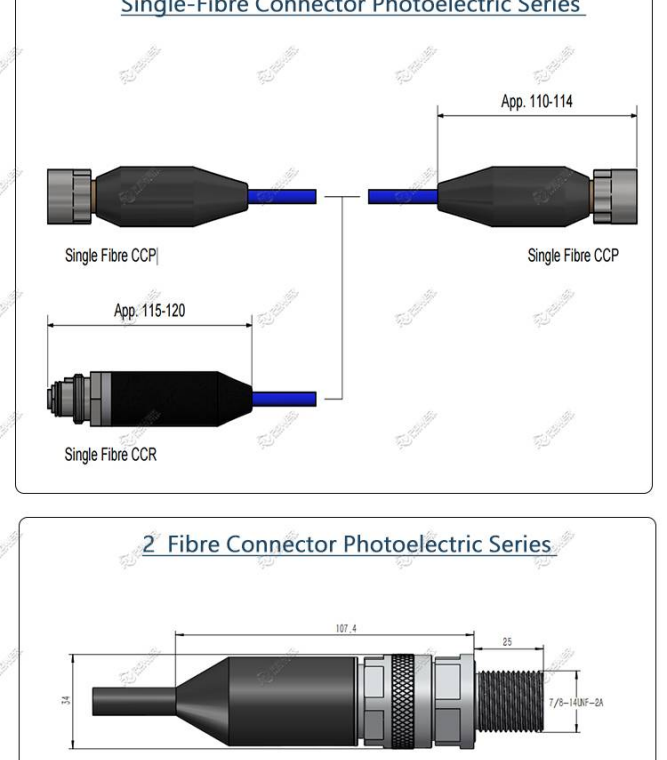
WE BASE OUR DECISIONS ON CLEAR BUSINESS PLANS, THINKING BEFORE MAKING OUR STEPS AND KEEPING- GA'NOT TODD LIST FOR EVERY- ONE OF THEM



### 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 the 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 connection
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 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 (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



strong  
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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



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

### 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



MICRO RESISTANT



WATER RESISTANT