PUSH-ROD AND ROBOTIC CRAWLER CABLES (FOR MAINLINE & DRAIN PIPE INSPECTION)

POWER • VIDEO • OPTICS • DIGITAL

Application

Video inspection of pipelines such as sewer, water, and drainage systems. RV POWER cables are uniquely designed for low friction, maximum push distance, and the durability to withstand tight bends!! The ruggedized constructions are highly resistant to water, absorption, and corrosive sewer environments.

Push Rod Video Inspection Cable

Strength Core: Fiberglass Epoxy Rod
Insulation: Water Resistant Copolymer with Low Dielectric Constant. 90C Rated
Video Coax: Miniature Low Loss 75 Ohm Impedance.
Jacket: Abrasion and Water Resistant, Abrasion and Water Resistant, High-Impact Copolymer with extremely low Coefficient of friction.
Jackets: Polyurethane,

Push-rod Cables

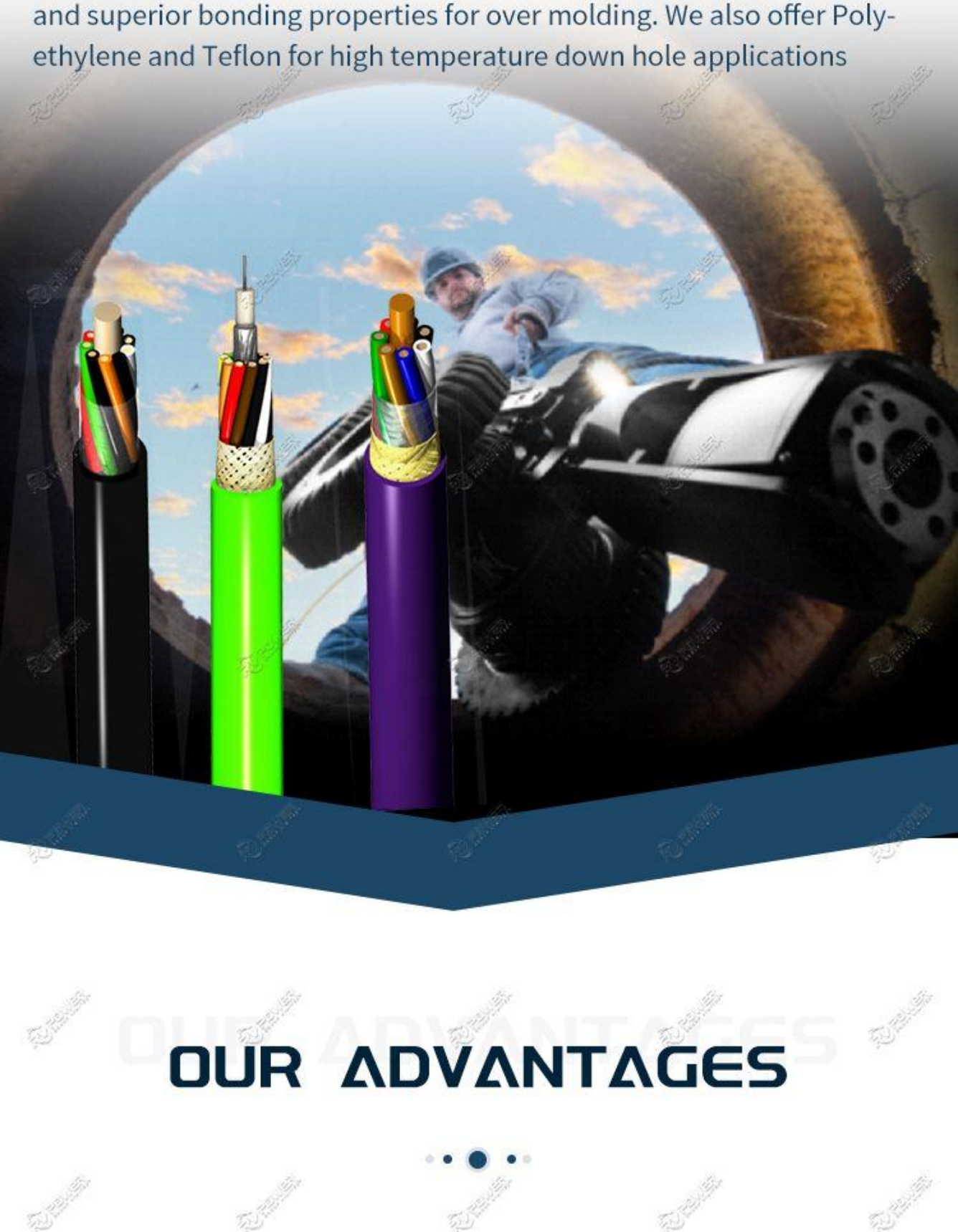
- Central Strength Member: RV POWER reinforced fiberglass rods are of the highest quality with great linear stiffness and long lasting fatigue life. Fiber glass rod variety sizes
- Video Components: We offer a variety of 75 ohm coaxial designs, twisted pairs, Ethernet pairs or discreet single wire video design meeting CCTV, SDTV, HDTV.
- Jackets: RV POWER' s high impact resistant copolymer cable jackets are highly abrasion and chemical resistant. Polypropylene

Crawler Video Cables

- Video Components: 75 ohm coax of CCTV, SDTV, HDTV ranging from mini 30 AWG to 22 AWG center conductors. Ethernet and VDSL twisted pair designs as well as fiber optic elements

Strength Members: Light weight flexible fiber yarns of Kevlar in torque-balanced braid or dual served constructions with breaking strength ratings from 800 lbs. to 20,000 lbs.

- Jackets: Polyurethane is a tried and proven material for added flexibility, high abrasion and chemical resistance, low temperature flexibility and superior bonding properties for over molding. We also offer Polyethylene and Teflon for high temperature down hole applications



OUR ADVANTAGES

EASY SOLUTIONS

ADAPTABILITY IS ONE OF OUR BEST QUALITESIT PERMIT US TO COPE WITH YOUR REQUE STON A SHORT NOTICE AND EFFECTIVELY.

NO PRICE FIGHTS

WE ESCAPED THE OLASSICAL REBATE UNTILYOU DROP " POLICY . WE ARE PRICE WISE SINCETHE BEGINNING

HIGH LEVEL EXPERIENCE

QUR TECHNLAL CAPABILITIES HAVE BEENTESTED FOR MORE THAN 30 YEARS ANDIN-DIRECT CONNECTION WITH END USERS . SO TOSAY

ENDLESS INVESTIGATION

WE CONTINUOUSY MEASURE EVERYTHINGTEST . TEST AND TESTAGAIN . THIS HELPS NUNDERSTAND RISKS AND REWARDS . ANDBEPREPARED

NO FORTUNE TELLER

WE BASE OUR DECISIONS ON CLEAR BUSIESSPLANS , THINKING BEFORE MAKING OUR STEPSAND KEEPIN-GA'NOTTODO LISTFOR EVERY-OVE OF THEM

TEAM BUILDING

OUR TEAMIS MADE NOT ONLY BY OUR STAFFBUTIT INCLUDES ALSO ALL OUR CUSTOMERSWEACT LIKEA TEAM WEGROW LKEA TEAMWE WINLIKE A TEAM

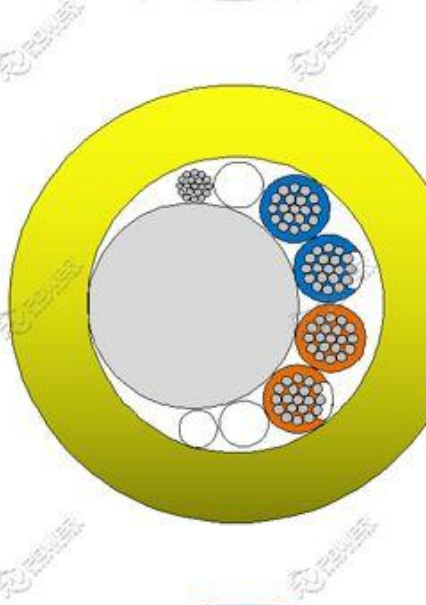
PUSH-ROD AND ROBOTIC CRAWLER CABLES

UNDERWATER CABLE

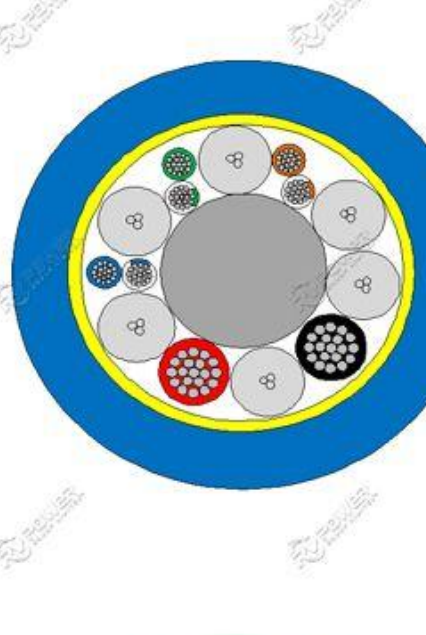
It can be applied to submarine observation network / offshore oil / marine sonar / seismic detection / underwater robot / marine wind power / smart ocean and other fields.

☑ Customized Design ☑ Full Ocean Depth Application
☑ Vertical and Horizontal Watertightness
☑ Photoelectric multi-core Composite Structure ☑ High Tensile Strength

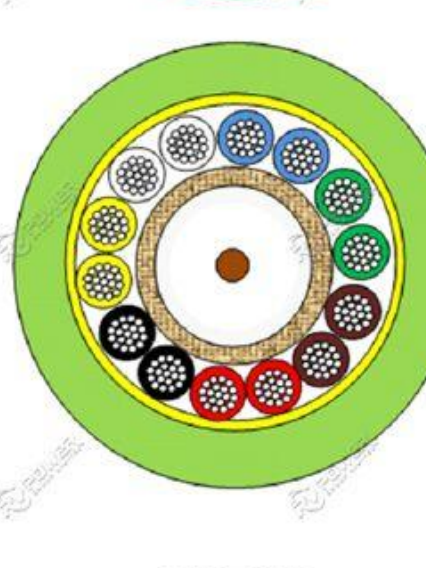
PRODUCT MIX



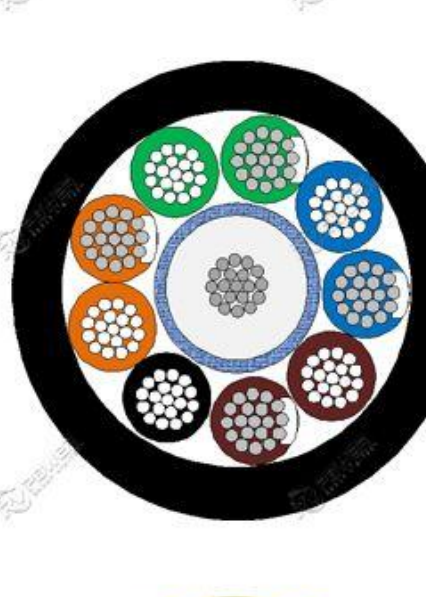
Push Rod Video Inspection Cable
4 Core + Fiberglass Epoxy Rod
Diameter 9.5 mm



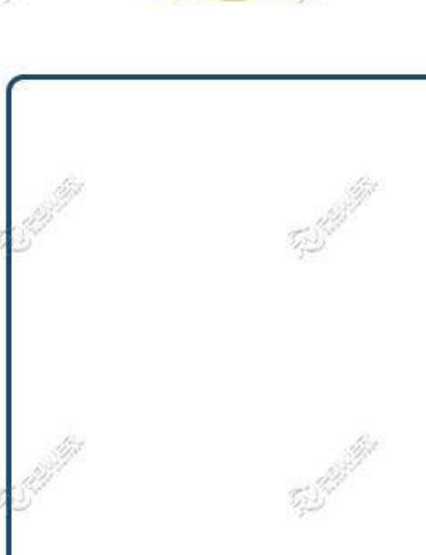
Push Rod Video Inspection Cable
6 Core + Fiberglass Epoxy Rod
Diameter 11.0 mm



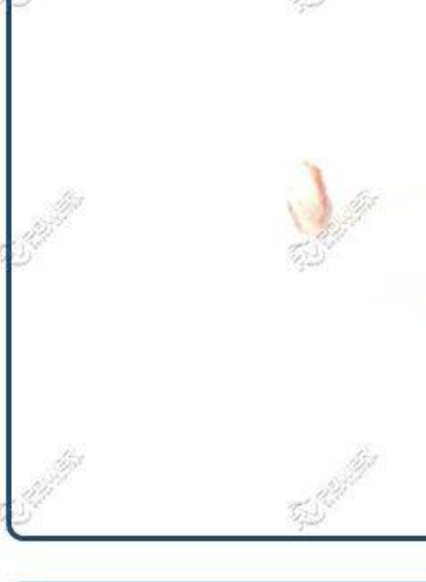
Push Rod Video Inspection Cable
4 Core + Fiberglass Epoxy Rod
Diameter 11.0 mm



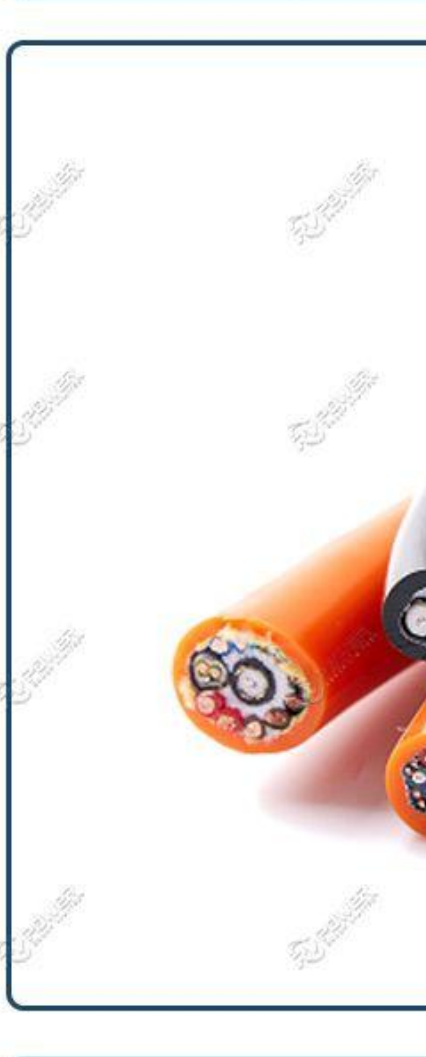
Push Rod Video Inspection Cable
2 Core + 2 Twisted Pair+ Fiberglass Epoxy Rod
Diameter 13.0 mm



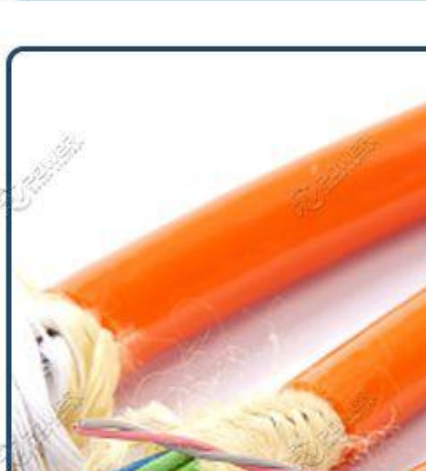
Push Rod Video Inspection Cable
5 Core + 1 Twisted Pair+ Fiberglass Epoxy Rod +Coax
Diameter 9.0 mm



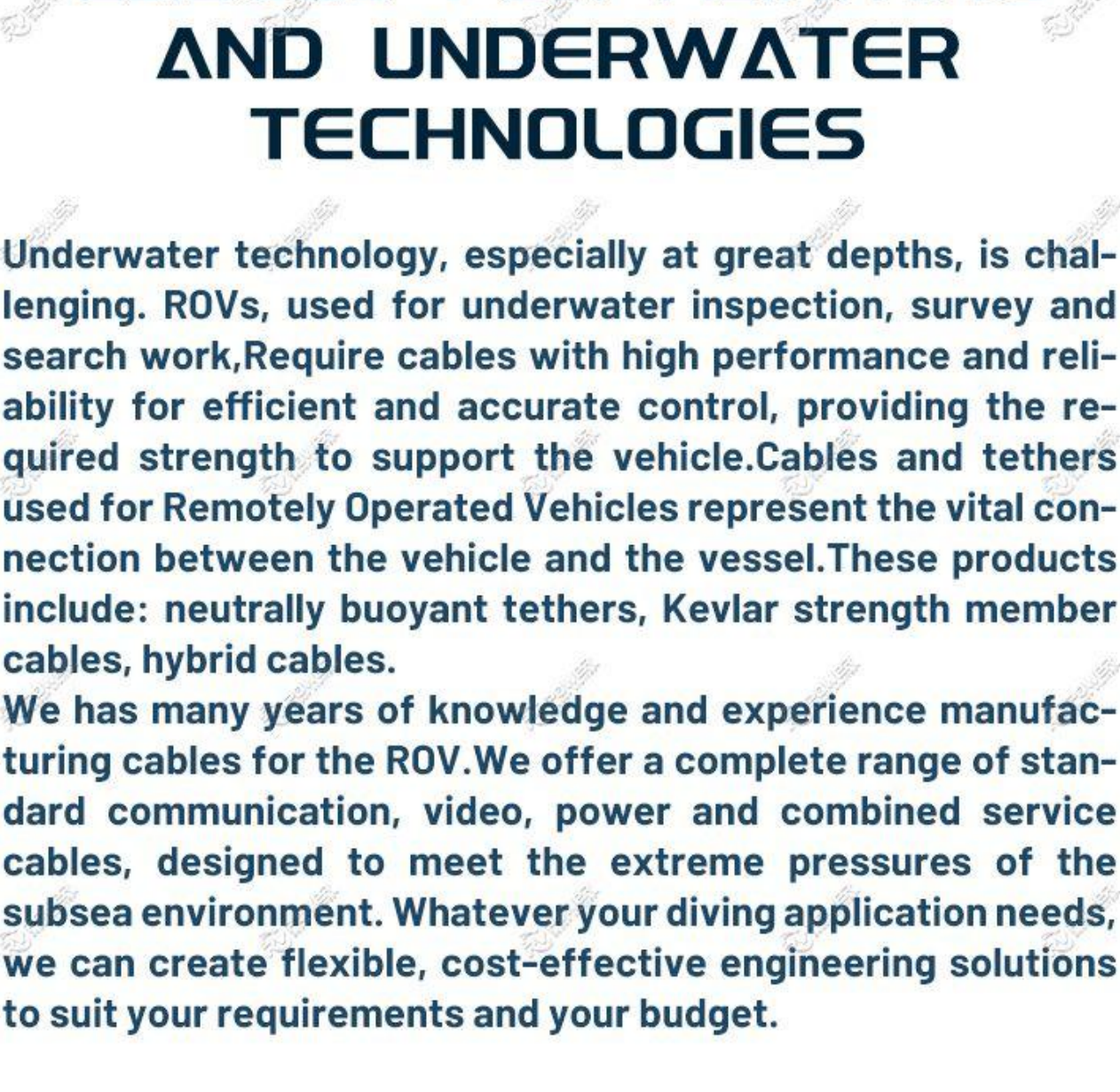
Push Rod Video Inspection Cable
14 Core + coax Diameter 10.0 mm



Push Rod Video Inspection Cable
7 Core + coax Diameter 10.0 mm



Push Rod Video Inspection Cable
17 Core + coax Diameter 8.5 mm



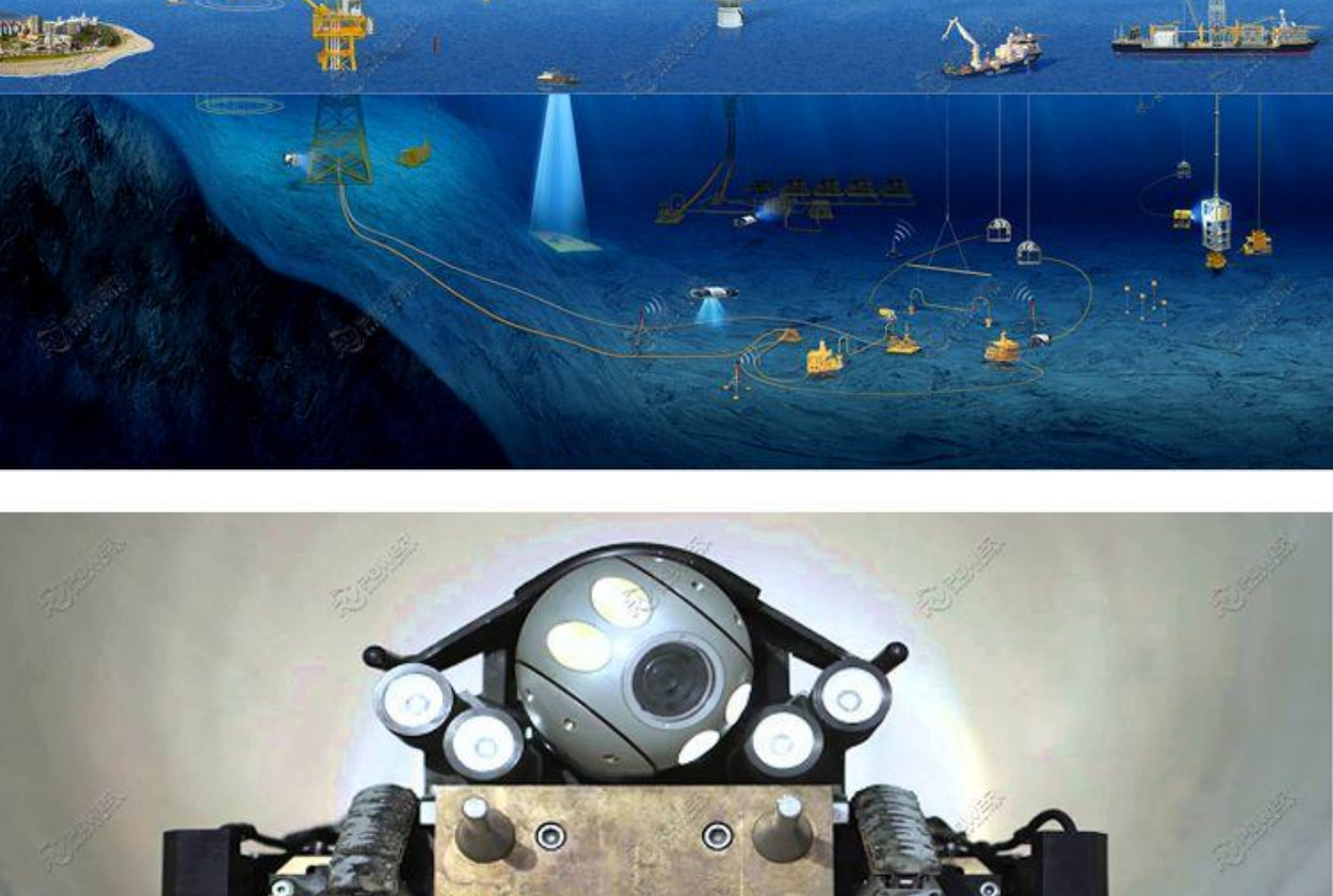
CABLES FOR MARITIME AND UNDERWATER TECHNOLOGIES

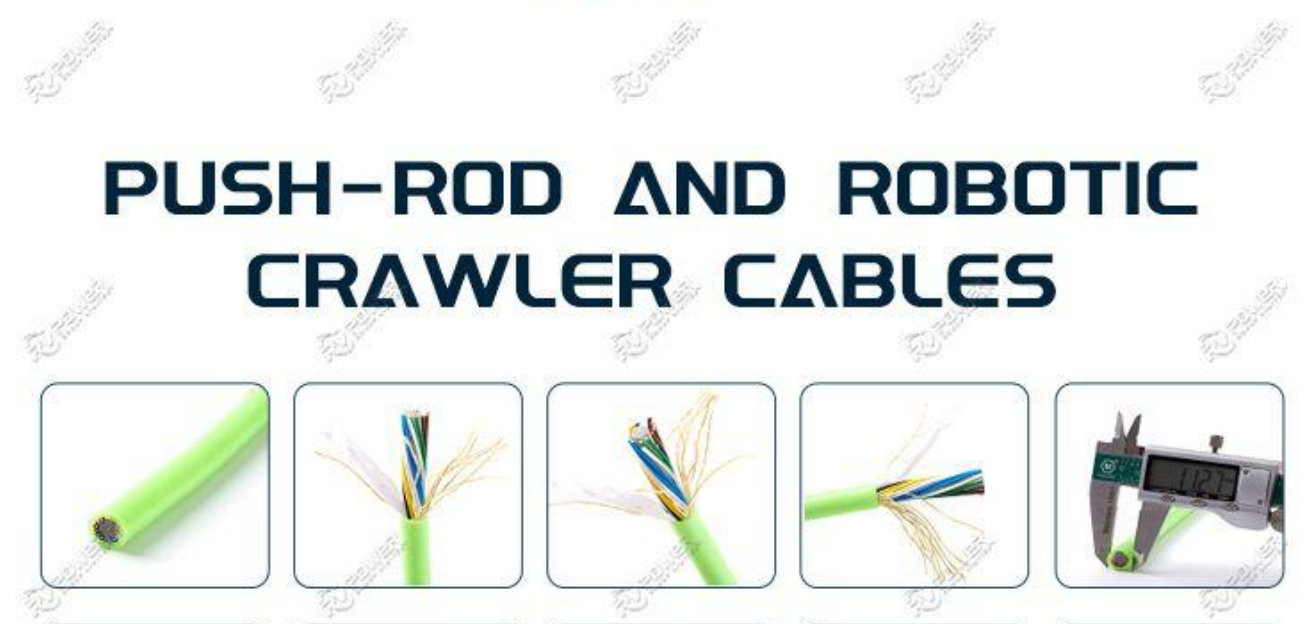
Underwater technology, especially at great depths, is challenging. ROVs, used for underwater inspection, survey and search work,Require cables with high performance and reliability for efficient and accurate control, providing the required strength to support the vehicle.Cables and tethers used for Remotely Operated Vehicles represent the vital connection between the vehicle and the vessel.These products include: neutrally buoyant tethers, Kevlar strength member cables, hybrid cables.

We has many years of knowledge and experience manufacturing cables for the ROV.We offer a complete range of standard communication, video, power and combined service cables, designed to meet the extreme pressures of the subsea environment. Whatever your diving application needs, we can create flexible, cost-effective engineering solutions to suit your requirements and your budget.

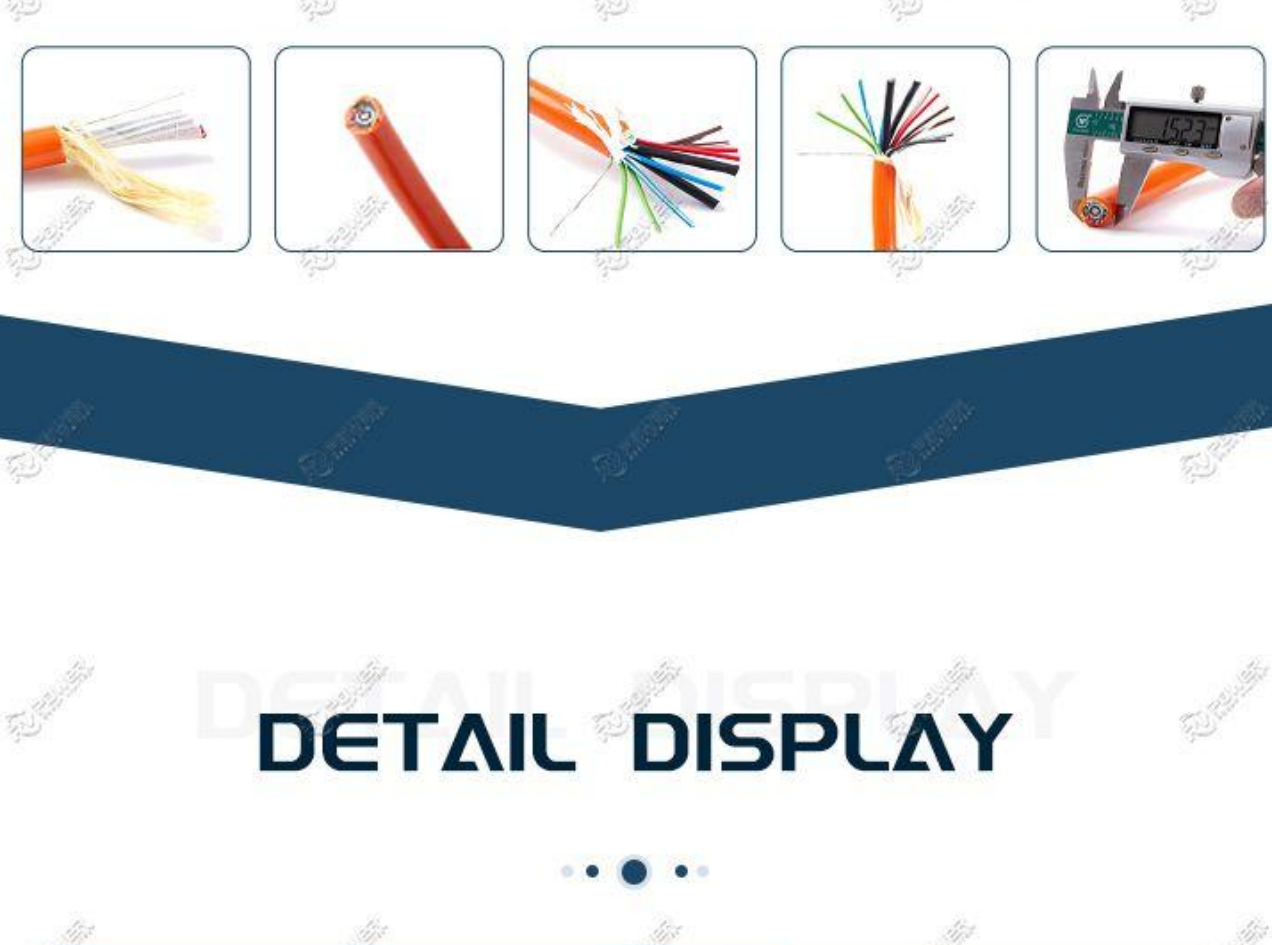
SUBSEA CABLES TYPE

SUBSEA CABLES TYPE
ROV Tether Cable
ROV Umbilicals Cable
Diver umbilical
Pool robotic cleaner cable
Neutrally Buoyant Cables
Diver Communications Cable
Underwater Video Cable – Diver
CCTV Inspection Crawler Video Cables
Underwater Fiber Optic Cable
Underwater Instrumentation Cable
Underwater Multiconductor Power & Control Cable
Underwater Ethernet Cable
Sidescan Sonar Tow Cable
Coax Oceanographic Tow Cable
Push-rod Cables
Polyurethane or Polyethylene Jacketed Cables
Composite Underwater Communication Cables
PUR underwater umbilical hybrid Optical
Custom Cable Designs





PUSH-ROD AND ROBOTIC CRAWLER CABLES



DETAIL DISPLAY

ONE

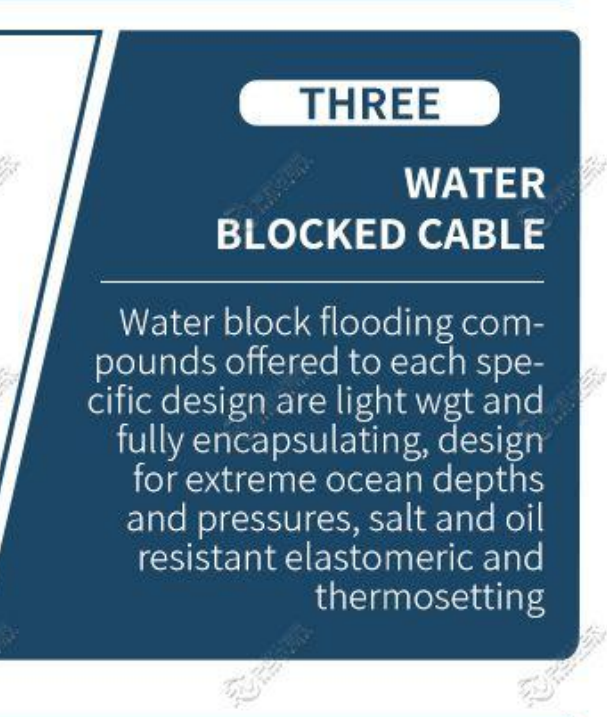
LONG DISTANCE DATA TRASMISSION

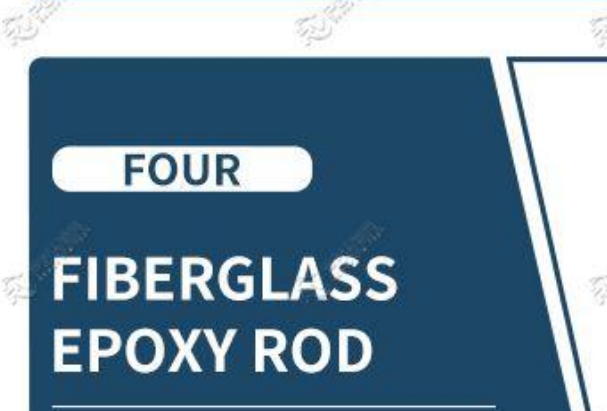
Conductors: Stranded Pure/tin copper conductors for flexibility and corrosion resistance. Light weight, low dielectric copolymer insulation with great mechanical and moisture resistance.

TWO

RESILIENT, FLEXIBLE AND NEUTRALLY BOUYANT ONE SINGLE LONG CONTINUOUS LENGTH REQUIRED

Custom ROV cables using tried and proven components for power, video, data, etc., which areavailable for your design, providing shorter lead times.





THREE

WATER BLOCKED CABLE

Water block flooding compounds offered to each specific design are light wgt and fully encapsulating, design for extreme ocean depths and pressures, salt and oil resistant elastomeric and thermosetting

FOUR

FIBERGLASS EPOXY ROD

High strength stress member provides long reach and can navigate tight bends

FIVE

SMALL SIZED. LIGHT . PRESSURE RESISTANT . ABRASION/ EROSION RESISTANT

Jacket Materials are chosen for optimal bonding, moisture and mechanical resistance. Each ROV cable is uniquely designed for specific ROV types using PE, TPE, PUR, and foam variations for flotation.

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