FLOATING CABLES FOR POOL CLEANING ROBOTS

Application

This cable is designed for robot system as the control and power suply used for underwater operations,Special material and structure design,This cable can be floating in the water,Very suitable for swimming pool underwater cleaning robot using such as shallow water area.

Cable Properties
Conductor : Standard Cooper /Tinned Cooper
Insulation : Special PE/TEP Insulation
Strength Layer: Kevlar layer for flexibility and higher strengths
Jackets:Special TPE /FTPE
Wire Coding; Pairs: Blue&Black with numbered marker tapes
Note:OEM Service of break strengths,Insulation,jackets, colors and shields are offered

OUR ADVANTAGES

EASY SOLUTIONS
ADAPTABILITY IS ONE OF OUR BEST QUALITIESIT PERMIT US TO COPE WITH YOUR REQUESTON A SHORT NOTICE AND EFFECTIVELY.

NO PRICE FIGHTS
WE ESCAPED THE CLASSICAL REBATE UNTIL YOU DROP " POLICY . WE ARE PRICE WISE SINCETHE BEGINNING

HIGH LEVEL EXPERIENCE
OUR TECHNLAL CAPABILITIES HAVE BEENTESTED FOR MORE THAN 30 YEARS ANDINDIRECT CONNECTION WITH END USERS , SO TOSAY

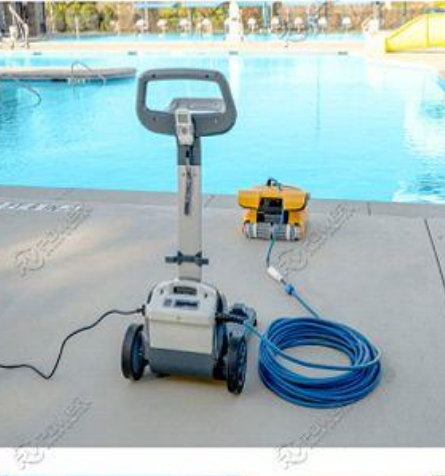
ENDLESS INVESTIGATION
WE CONTINUOUSY MEASURE EVERYTHINGTEST , TEST AND TESTAGAIN . THIS HELPS NUNDERSTAND RISKS AND REWARDS , ANDBEPREPARED

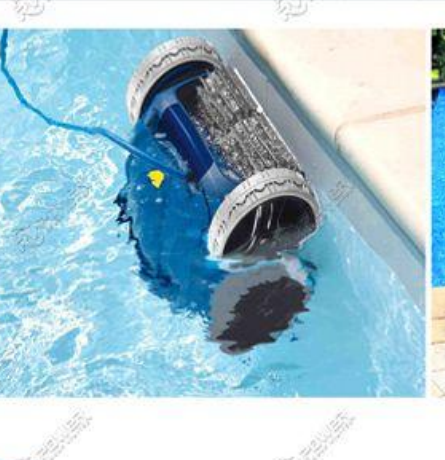
NO FORTUNE TELLER
WE BASE OUR DECISIONS ON CLEAR BUSIESSPLANS , THINKING BEFORE MAKING OUR STEPSAND KEEPINGA'NOTTODO LISTFOR EVERYOVE OF THEM

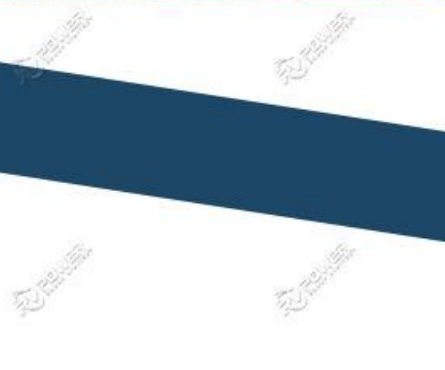
TEAM BUILDING
OUR TEAMIS MADE NOT ONLY BY OUR STAFFBUTIT INCLUDES ALSO ALL OUR CUSTOMERSWEACT LIKEA TEAM WEGROW LIKEA TEAMWE WINLIKE A TEAM

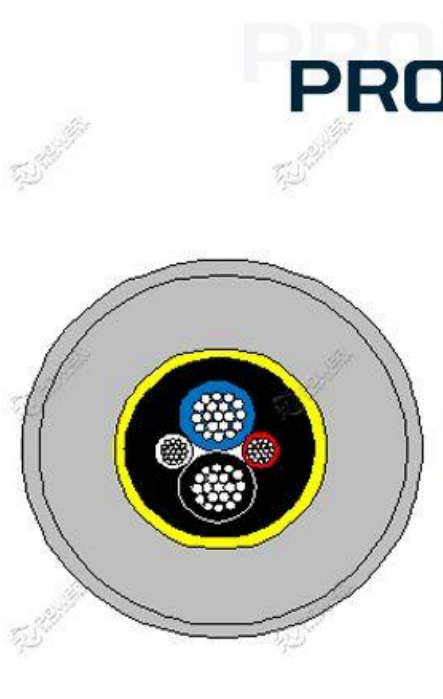
FLOATING CABLES FOR POOL CLEANING ROBOTS

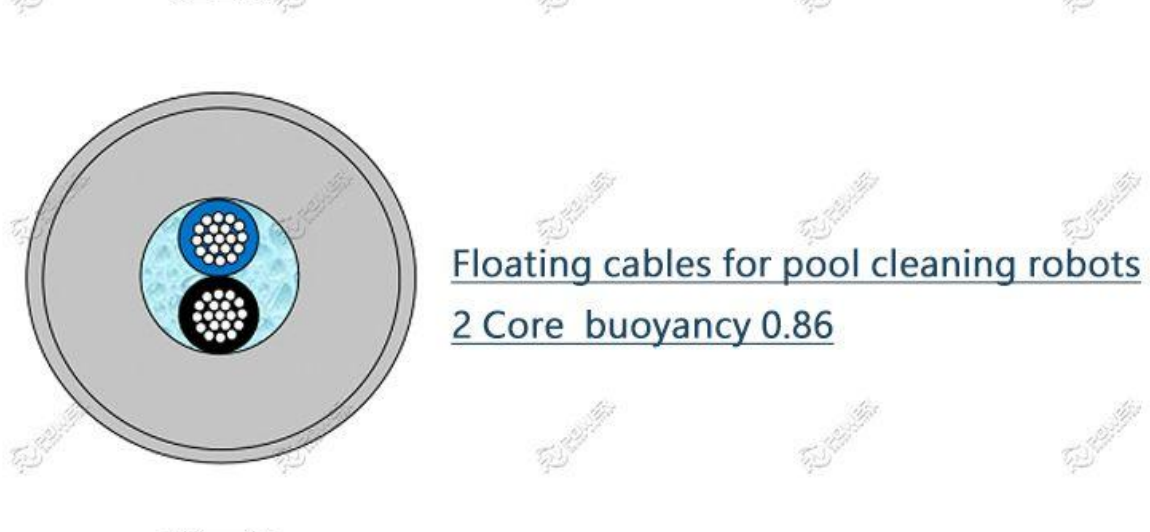
PRODUCT MIX

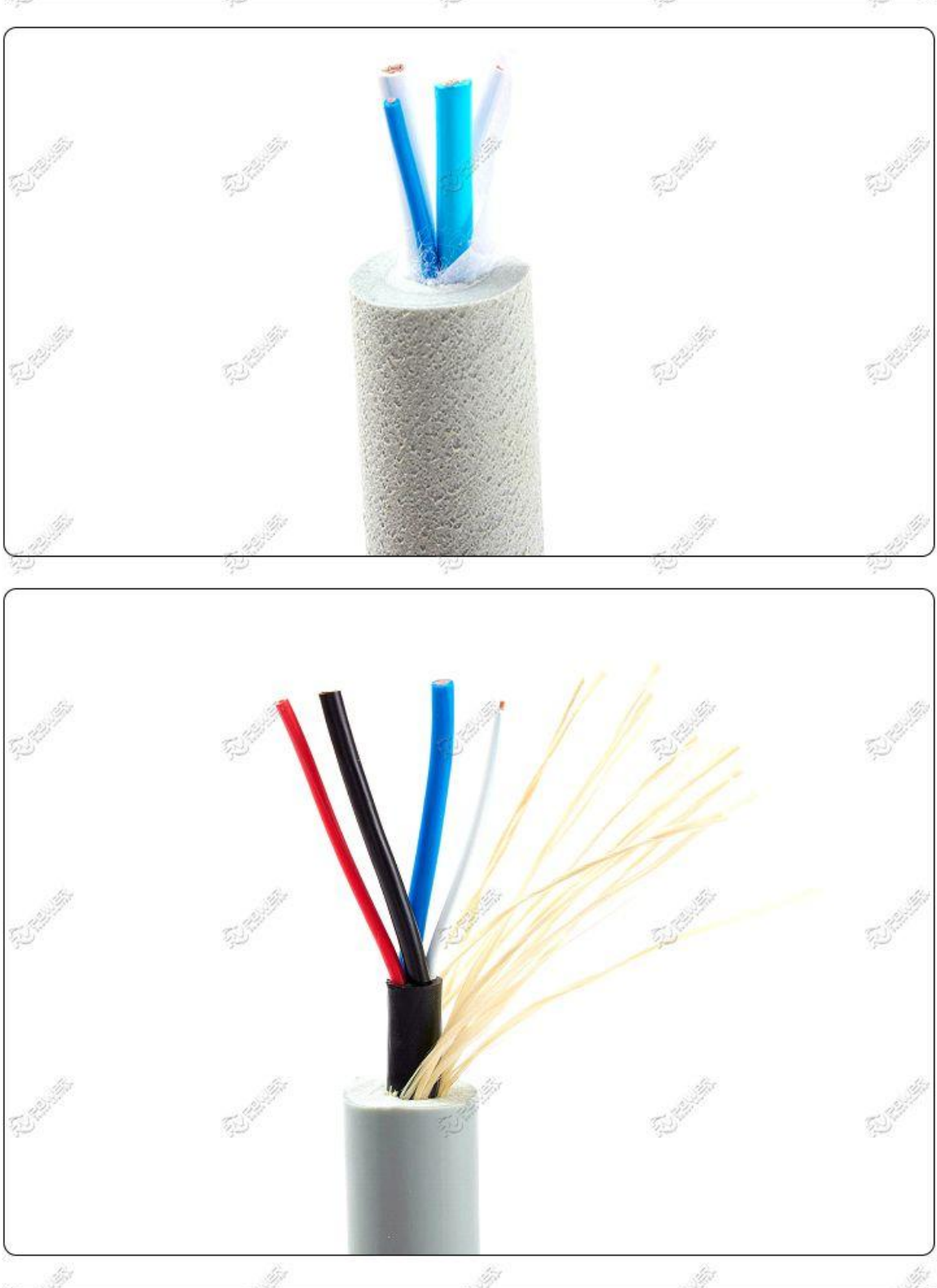

Floating cables for pool cleaning robots
4 Core buoyancy 0.86

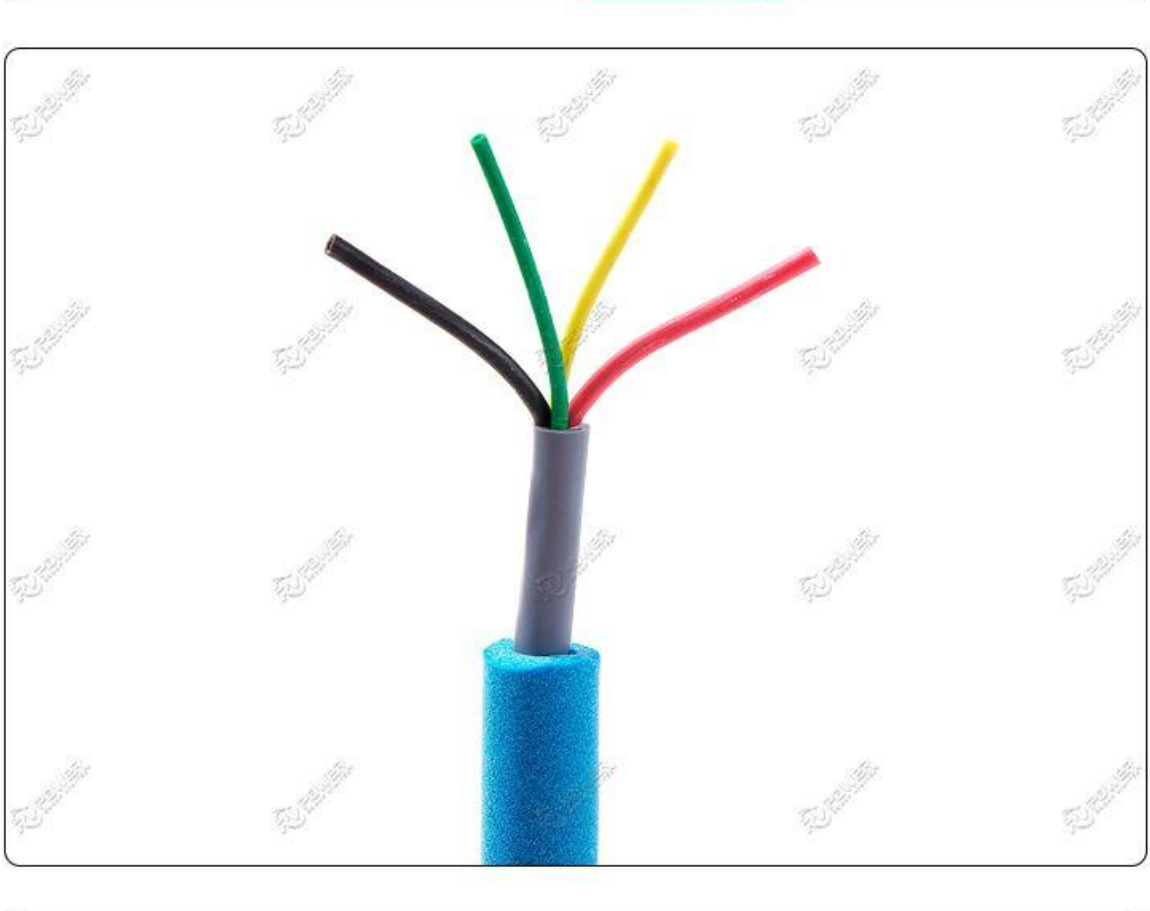

Floating cables for pool cleaning robots
2 Core buoyancy 0.86


Floating cables for pool cleaning robots
4 Core buoyancy 0.86


Floating cables for pool cleaning robots
2 Core buoyancy 0.86







HOW TO KEEP YOUR ROBOTIC POOL CLEANER FLOATING CABLE FROM TANGLING

If you have an older model or a cheaper robotic pool cleaner , the tangling can be really frustrating.
Once the cable gets all tangled up, the robot cannot move properly until you untangle it. Sometimes you have to rescue the robot twice or more in a single cleaning session.

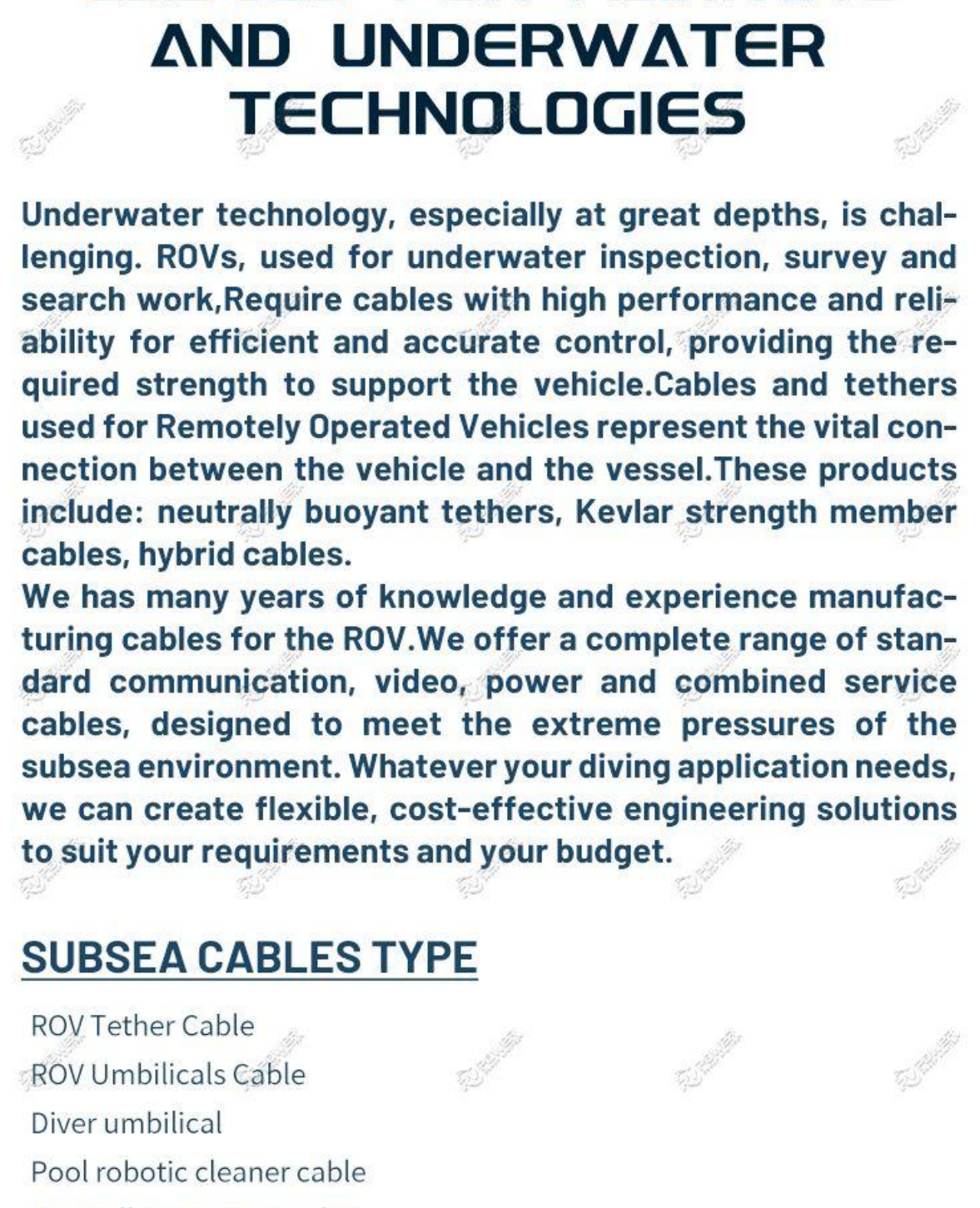
USE ONLY THE LENGTH YOU NEED
One mistake many pool owners make is to dump the entire cable into the water. Unless the cleaner needs the full length to be able to reach around the entire pool, don' t use all the cable. It increases the chances of tangling.
Instead, use only the length necessary to reach both ends of the pool. Leave the rest spooled up neatly on the deck or hanged on the caddy. Secure the remaining loop with a zip tie or tape to prevent more cable length from getting pulled into the water.
STRETCH IT OUT
Stretch out the pool cable before putting it in the water
Don' t put the cable in the water while it' s still coiled. It' s more likely to get tangled.
Instead, stretch out the length you need along the deck first before putting it in the water. This will eliminate any twists along the cable.
STORE IT PROPERLY
Another common mistake by pool owners is to loop the cable too tightly when storing it. This will deform the cable and could create permanent coils.
You should create a loose loop such that the cable easily straightens out the next time you want to clean the pool.
Even worse than tightening the cable too much is leaving it in a tangle outside. The sun and elements will deform it and cause permanent twisting.
Every time the cleaner finishes a session, you should coil the cable back into a loose loop and store it indoors.
It' s also not a good idea to leave the cable and pool cleaner in the water for too long. It can deform the cable.
BAKE IT IN THE SUN
If your cable has coils that won' t straighten out, several hours in the sun can help.
Stretch out the cable in a straight line on the deck or lawn and leave it there for several hours. Just make sure it' s a sunny day.
The heat from the sun will soften the cable material and remove any permanent coils.
CHECK THE CONNECTORS
If you have a swivel cable and yet it' s tangling, the problem could be faulty connectors at both ends. They could be preventing the cable from turning as it should.
If there seems to be a problem with the connectors, contact the manufacturer for repair or replacement.
ADDITIONAL TIPS
- Turn off the pool pump when the robotic cleaner is at work. The water flow could be causing the cable to turn and twist.
- Check that the handle of the robot is properly locked. Refer to the manual for guidance on the best handle position to prevent tangling.
- Position the power supply unit at the center of the deck. This will reduce the cable length the robot needs to reach the entire pool. You can then let out less cable to reduce the risk of tangling.

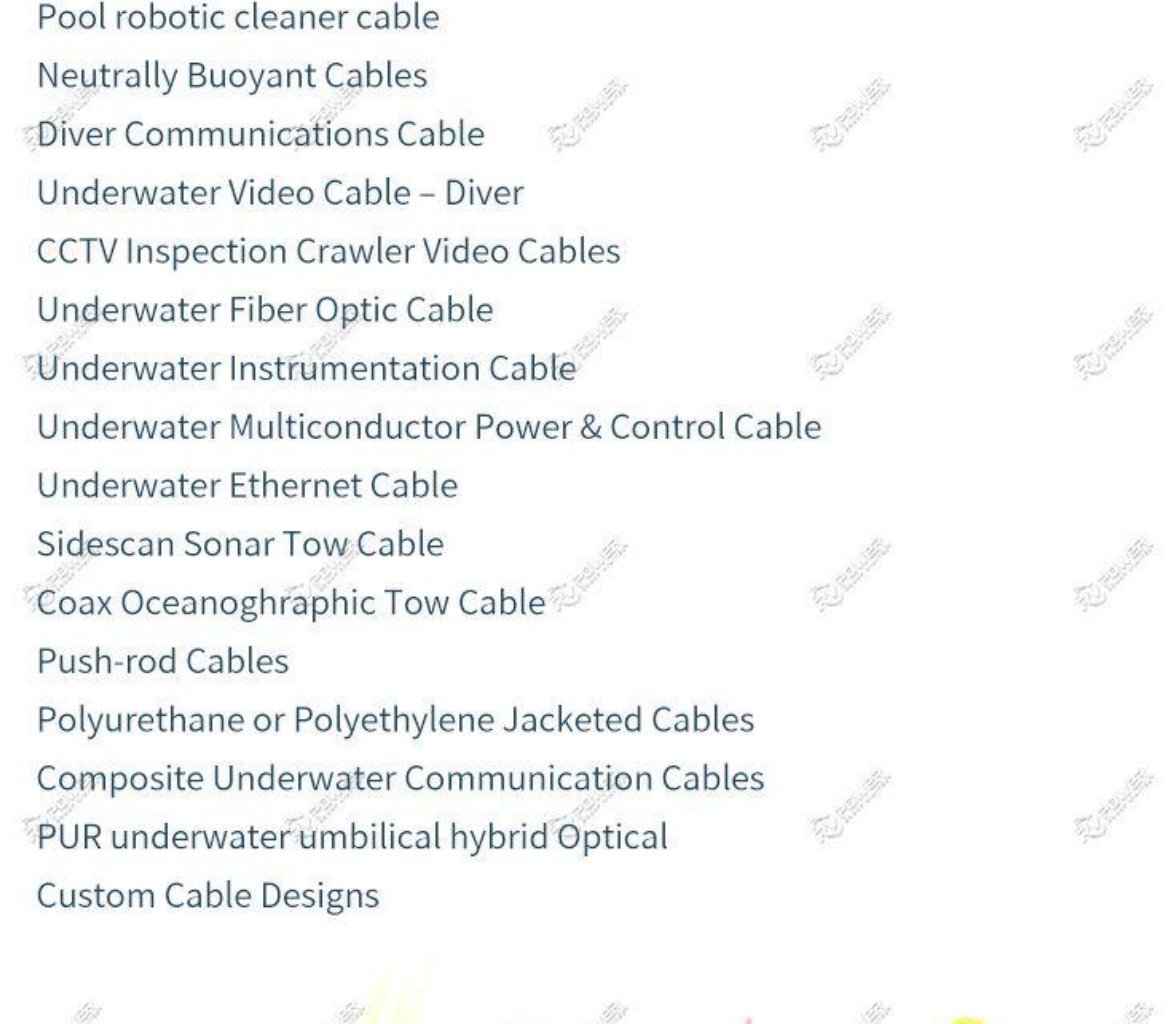
CABLES FOR MARITIME AND UNDERWATER TECHNOLOGIES

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.

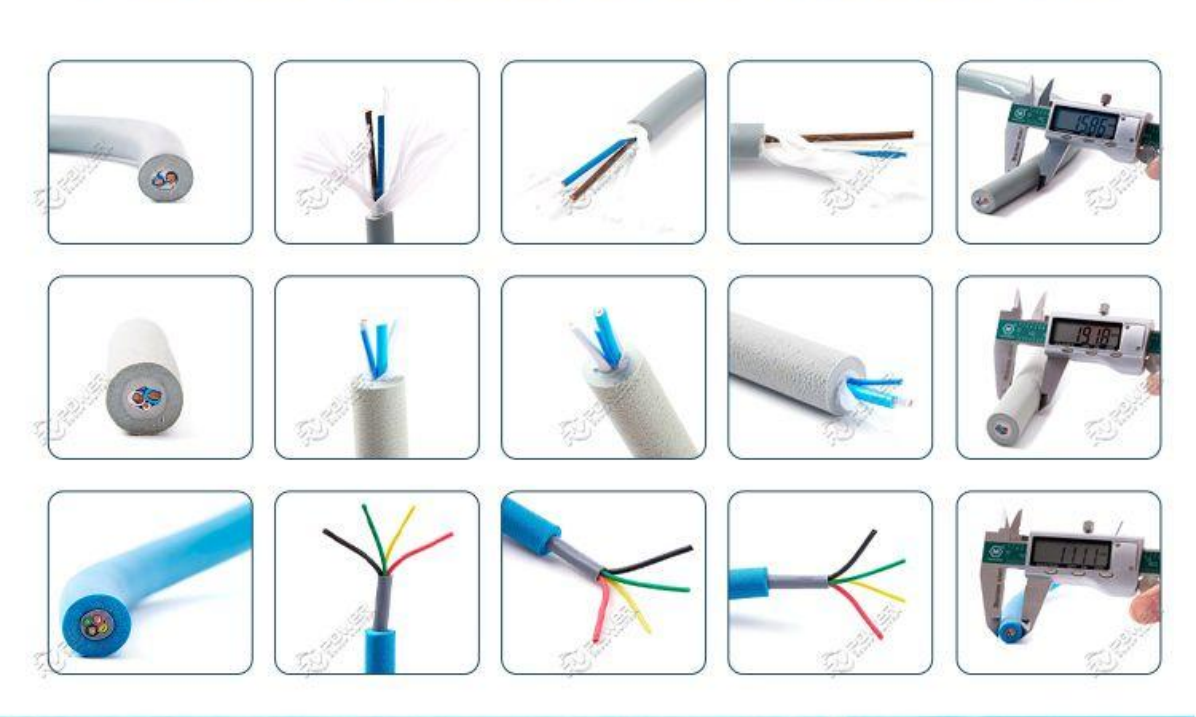
SUBSEA CABLES TYPE

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





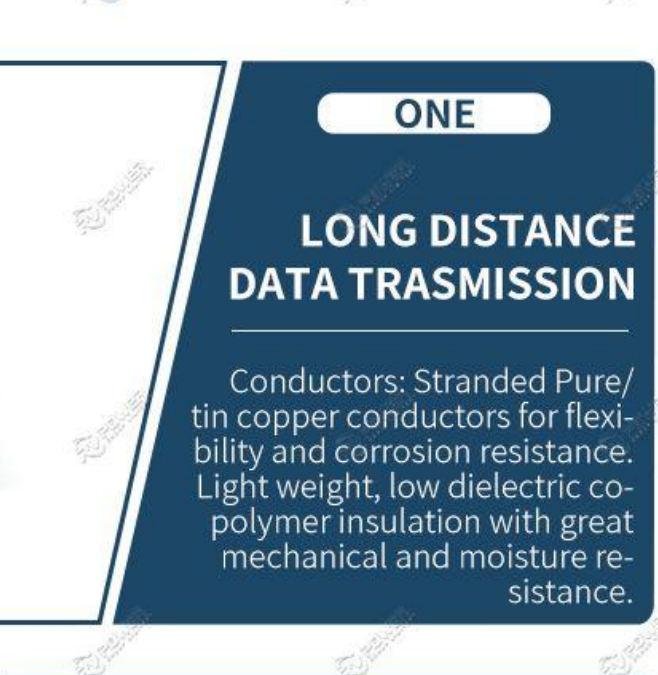
FLOATING CABLES FOR POOL CLEANING ROBOTS

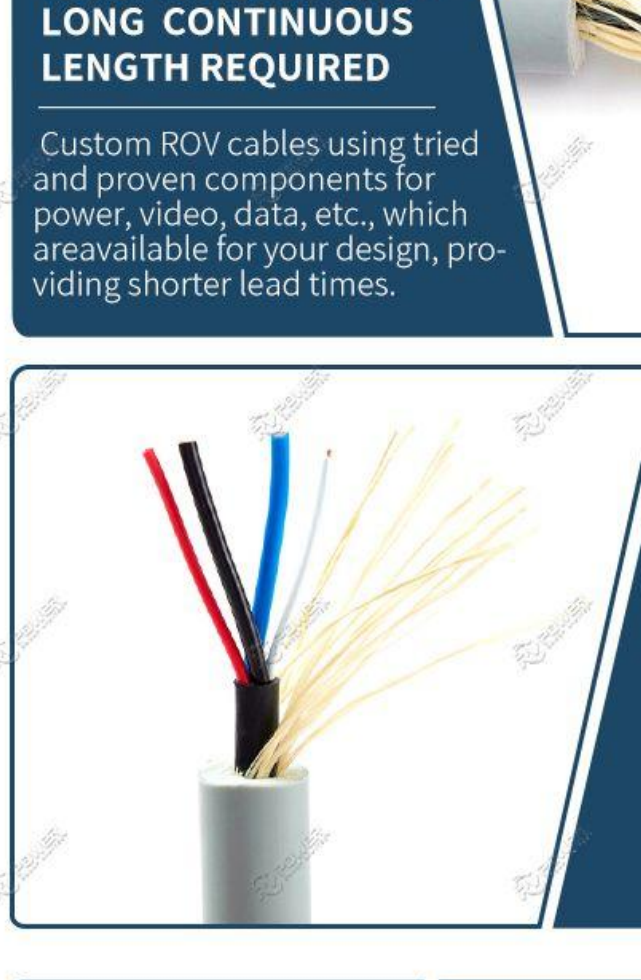


DETAIL DISPLAY

ONE
LONG DISTANCE DATA TRASMISSION
Conductors: Stranded Pure/tin copper conductors for flexibility and corrosion resistance. Light weight, low dielectric co-polymer insulation with great mechanical and moisture resistance.

TWO
RESILIENT, FLEXIBLE AND NEUTRALLY BUOYANT 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
HIGH BREAKING STRENGTH
Strength Layer: Light weight Kevlar fibers are designed into each cable construction to meet specific ROV intended use for maximum strength and longevity.

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
FLAE RESISTANT
HALOGEN FREE
COLD RESISTANT
ABRASION RESISTANT
OZONE RESISTANT
UV RESISTANT
MICROBE RESISTANT
MUD RESISTANT
WATER RESISTANT