ROV HYBRID POWER AND SIGNAL CABLE

TETHERED & UNTETHERED ROV ROBOTICS OPERATED UNDERSEA ROBOTICS SERVICE

ROV Tether Cable

Tether cables are the umbilical cords between underwater vehicles, attached data pods and other long lines. "Tether" is often used to describe a cable used to control a remotely operated vehicle (ROV) or crewed vehicle, such as a submersible. Tether cables can be used to power the vehicle and to transmit data and video signals back to the surface. Tether cables are also sometimes used to describe lines used to moor buoys and other floating devices.

Conductors: Stranded tin copper conductors for flexibility and corrosion resistance. Insulation: Durable, flexible polymer insulation for electrical safety. Armor: Optional armor layers for added protection in harsh environments. Strength Layer: Light weight Aramid for further tensile strength. Outer Jacket: Abrasion-resistant, UV-resistant, and chemical-resistant outer jacket for maximum durability and longevity.

Jacket Materials, as chosen for further tensile loading, moisture and resistance to abrasion, oil, chemicals, and extreme temperatures: Polyurethane (PU), Nylon (PA), TPE, PVDF, and Neoprene (CR) Available.

OUR ADVANTAGES

EASY SOLUTIONS
Provide easy solutions for your underwater projects

NO PRICE FIGHTS
Competitive pricing without compromising quality

HIGH LEVEL EXPERIENCE
Years of experience in underwater technology

ENDLESS INVESTIGATION
Endless possibilities for underwater exploration

NO SITTING TELLER
Dynamic and interactive underwater operations

TEAM BUILDING
Collaborative underwater missions and activities

ROV HYBRID POWER AND SIGNAL CABLE

CUSTOMIZATION IMPORTANCE

Customization is crucial for ROV hybrid power and signal cables to meet specific operational requirements. Factors such as cable length, diameter, and flexibility can be tailored to suit the unique needs of each ROV. Additionally, customization may involve adding specialized features like reinforced armor for enhanced protection in challenging environments or incorporating specific connectors for seamless integration with the ROV's systems. Working closely with cable manufacturers or suppliers to customize these cables ensures optimal performance and reliability in underwater operations.

PRODUCT MIX

Neutrally buoyant ROV cable
1 POWER Cable
Single Layer
Overall diameter: 5.0mm

Neutrally buoyant ROV cable
2 POWER Cable
2 Pair SIGNAL DATE Cable
Overall diameter: 11.0mm

Neutrally buoyant ROV cable
2 POWER Cable
2 Pair SIGNAL DATE Cable
Overall diameter: 8.8mm

Neutrally buoyant ROV cable
3 POWER Cable
2 Pair SIGNAL DATE Cable
Overall diameter: 8.8mm

Neutrally buoyant ROV cable
3 POWER Cable
3 Pair SIGNAL DATE Cable
Overall diameter: 9.2mm

Neutrally buoyant ROV cable
4 POWER Cable
2 Pair SIGNAL DATE Cable
Overall diameter: 13.5mm

Neutrally buoyant ROV cable
2 POWER Cable
4 Pair SIGNAL DATE Cable
Overall diameter: 11.0mm

Neutrally buoyant ROV cable
2 POWER Cable
6 Pair SIGNAL DATE Cable
Overall diameter: 11.0mm