

*uncommon* **Connection**®

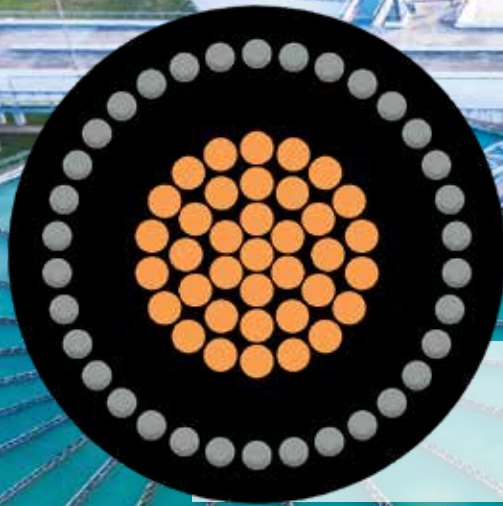
# sustainability

## WAVE ENERGY CABLE

Breaking Strength: 35,500 lbs.  
Maximum Load: 8,750 lbs.  
Voltage: 600 V

## Components

2 Single Conductors (14 AWG)  
1 Quad Unit (28 AWG)  
Armor Steel Wires



# utilities

## CATHODIC PROTECTION

Breaking Strength: 23,000 lbs.  
Working Load: 5.75 lbs./ft..

## Components

Central Bare Copper  
Stainless Steel Wire

# science

## SEA LIFE MONITORING

Weight in Sea Water: 446 lbs./  
1,000 ft.  
Breaking Strength: 23,000 lbs.  
Maximum Load: 5,750 lbs.

## Components

4 single-mode fiber optics  
3 Conductors (10 AWG)  
2 Conductors (18 AWG)  
Steele Armor



# exploration

## ELECTRO-MECHANICAL ROV CABLE

Weight in Sea Water: Neutral  
Breaking Strength: 1,500 lbs.  
Maximum Load: 300 lbs.  
Minimum Bend Diameter: 8 in.

## Components

2 Single Conductors (21 AWG)  
4 Twisted Pairs (26 AWG)  
Kevlar Strength  
Floating Jacket



# protection

## SENSOR BUOY ANCHOR

Breaking Strength: 6,650 lbs.  
Minimum Bend Diameter: 20 in.

## Components

10 Conductors (18 AWG)  
6 Conductors (22 AWG)  
Central Wire Rope Strength

# inspection

## UNDERWATER SURVEYING

Weight in Sea Water: 86 lbs./  
1,000 ft.  
Breaking Strength: 2,500 lbs.  
Maximum Load: 500 lbs.  
Minimum Bend Diameter: 12 in.

## Components

12 single-mode fiber optics  
10 Conductors (16 AWG)  
Kevlar Strength



# Custom Cable Built for Harsh Marine Environments

## About

South Bay Cable has long been a leader in cable manufacturing by applying the principals of integrity, innovation, and sound engineering to a technologically advancing cable marketplace. South Bay Cable maintains the same management it began with and continues to manufacture an exceptional product for a sensible price, a fair profit for the corporation and a rewarding place to work for the employees.

The Idyllwild and Temecula locations are fifty miles apart and complement our manufacturing capabilities. Combined we have 80,000 square feet of space.

## History

South Bay Cable was founded in 1957 in Gardena, California to supply custom cable assemblies to the Southern California Area. Having grown from a husband-and-wife garage operation, South Bay Cable now proudly employs 80 hardworking and committed people, including a highly skilled engineering team. In 1968, the company relocated to Idyllwild, California, where the main offices and manufacturing facility remain today. In 1986, a second manufacturing plant was established in Temecula.

*Custom Cable  
Manufacturers Since 1957*

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