"ARGONAUT"

Armor
Reinforced
Optical
Cable…
Hydrostatic resistant……

Nautilus Cables is excited to offer the market a robust armored fiber optic cable, well suited for the harshest of applications from its new facility outside Houston, TX.

Nautilus' ARGONAUT can be used as a stand-alone element, ready for direct burial or to provide robust resistance to hydrostatic pressures in the smallest of diameters or as part of a more complex cable design.

At Nautilus Cables, we can provide our customers custom buffered fiber elements to meet their operational requirements, then precision armor with preformed Incalloy 625 wire to create a protected and corrosion resistant optical cable or element with excellent strength properties

At Nautilus we can further customize the final diameter by extruding a variety of jacketing materials over the standard AROC to meet our customer's needs and for various applications.

Please contact Nautilus Cables for all your ruggedized optic needs to see what we can do for you…

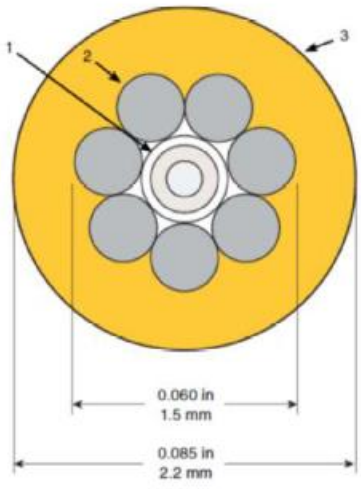
Nautilus Cables

Key Features:

- Optical cable that resists extreme Hydrostatic pressures
- Low minimum bend radius
- Crush and kink resistant
- Corrosion and oxidation resistant
- Small geometry yet robust for a multitude of applications
- Direct bury capabilities
- Excellent as a stand alone element in complex cable and umbilical assemblies

Applications:

- Tethered equipment both towed and airborne
- Hydrographic, Oceanographic and Seismic systems
- Marine and Terrestrial Platforms and Vehicles
- Tactical applications
- Security applications



1. Tight Buffered Fiber Optic:
   primary buffer – UV cured acrylate
   secondary buffer – UV cured acrylate, 600 µm
2. Strength member, preformed Inconel 625 wire armor
3. Hytrel® outer jacket (other jacket options available)

Optical Characteristics (nominal)
Fiber Type: AllWave® *FLEX* ZWP single-mode fiber
Attenuation: ≤ 0.5 dB/km @ 1310 nm
≤ 0.4 dB/km @ 1550 nm
Tensile Proof: 100 kpsi
Dimension: 8.3/125/245 µm

Operating Parameters
Recommended Bend Radius: 1.0 in (25.4 mm)
Dynamic Working Load: 150 lbf (68 kgf)
Rated Break Strength: 350 lbf (159 kgf)
Weight in Air: 8.2 lb/kft (12.2 kg/km)
Weight in Sea Water: 5.7 lb/kft (8.5 kg/km)