

Introducing ROC. Ruggedized Optical Cable.

A Strong, Flexible, Small, Crush-Resistant
Fiber Optic Cable That Takes Extreme
Hydrostatic Pressure.



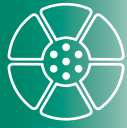
Diameter: .085 in (2.2mm) • Working Load: 150 lbf (68 kgf)
Breaking Strength: 350 lbf (159 kgf)
Weight: 8.2 lbf/kft (12.2.kg/km)
Fiber: Allwave Flex SMF • Attenuation: < .5 dB/km

For more information or an engineered sample, contact the
Cortland Cable Company in Cortland at 607.753.8276, in
Houston at 281.265.1900, or via email at
cortlandcable@cortlandcable.com

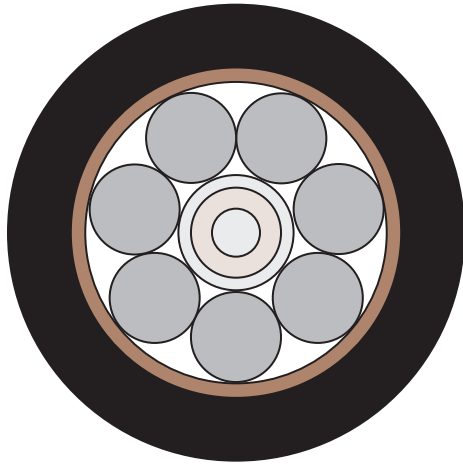


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CABLE
COMPANY

www.cortlandcable.com
www.thecortlandcompanies.com

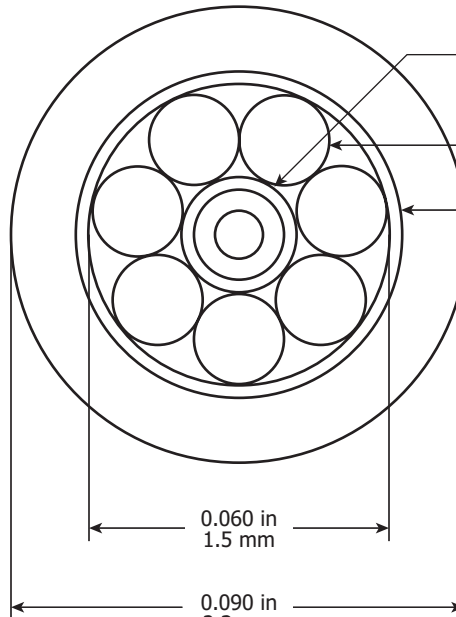


PROTECTED FIBER OPTIC CABLE



Micro Assembly Cable Optical Characteristics (nominal)

Fiber Type: Allwave Flex Single-Mode
Attenuation: ≤ 0.5 dB/km @ 1310 nm
 ≤ 0.4 dB/km @ 1550 nm
Tensile Proof: 100 kpsi
Dimension: 8.3/125/245 μ m

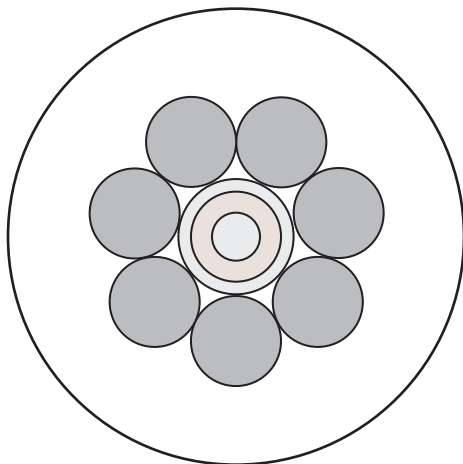


1. Single-Mode Micro Assembly Cable: primary buffer – proprietary secondary buffer – Nylon, 600 μ m
2. Strength member, 7 wire inconel 625, helixed
3. Copper/Mylar tape, helixed
4. Hytrel outer jacket (other jacket options available)

Operating Parameters

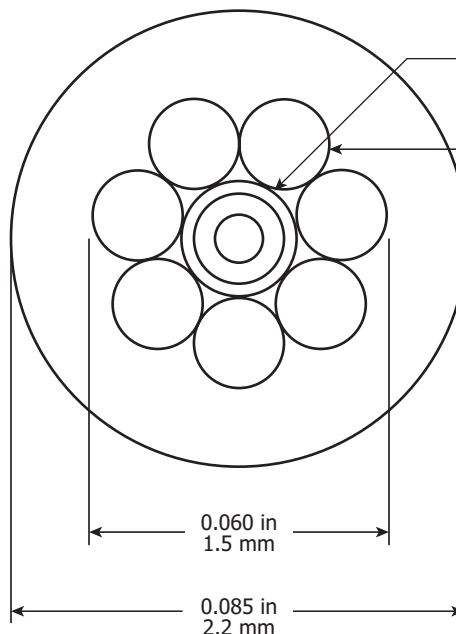
Recommended Bend Radius:
1.0 in (25.4 mm)
Dynamic Working Load:
150 lbf (68 kgf)
Rated Break Strength:
350 lbf (159 kgf)
Weight in Air:
9.0 lb/kft (13.4 kg/km)
Weight in Sea Water:
6.2 lb/kft (9.2 kg/km)

RUGGEDIZED FIBER OPTIC CABLE



Micro Assembly Cable Optical Characteristics (nominal)

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Attenuation: ≤ 0.5 dB/km @ 1310 nm
 ≤ 0.4 dB/km @ 1550 nm
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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)