

Introducing ROC. Ruggedized Optical Cable.

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



Diameter: 0.085 in (2.2 mm) • Working Load: 150 lbf (68 kgf)
Rated Breaking Strength: 350 lbf (159 kgf)
Weight: 8.2 lbf/kft (12.2 kg/km)
Fiber: Depressed Clad SMF • Attenuation: < 0.5 dB/km

For more information or an engineered sample,
contact John Cobb, Vice President of Electro-Optical
Products, at johnc@cortlandcable.com or Sam Bull,
Vice President, at samb@cortlandfibron.co.uk



Cortland.
CABLE

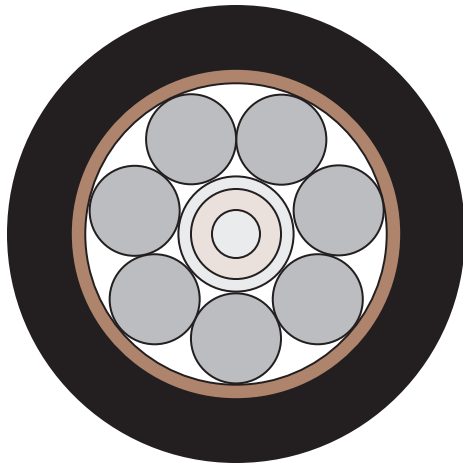
+ 607.753.8276

Visit us at www.cortlandcable.com

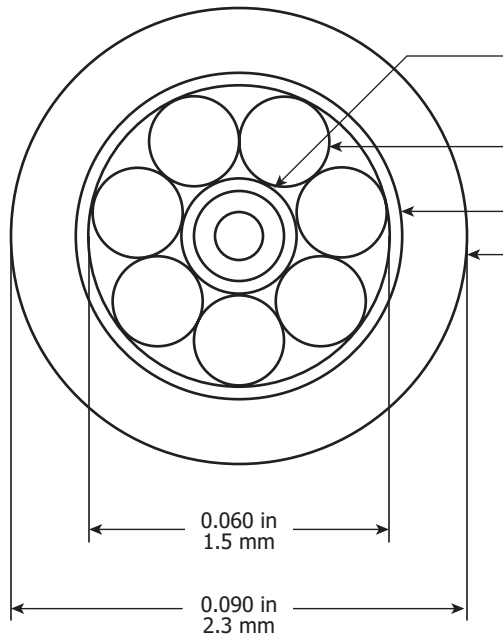
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PROTECTED FIBER OPTIC CABLE



Micro Assembly Cable
Optical Characteristics (nominal)
Fiber Type: Depressed Clad 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:
1.5 in (38.1 mm)

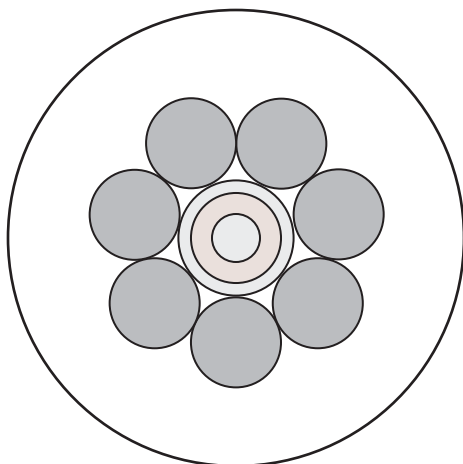
Dynamic Working Load:
150 lbf (68 kgf)

Rated Break Strength:
350 lbf (159 kgf)

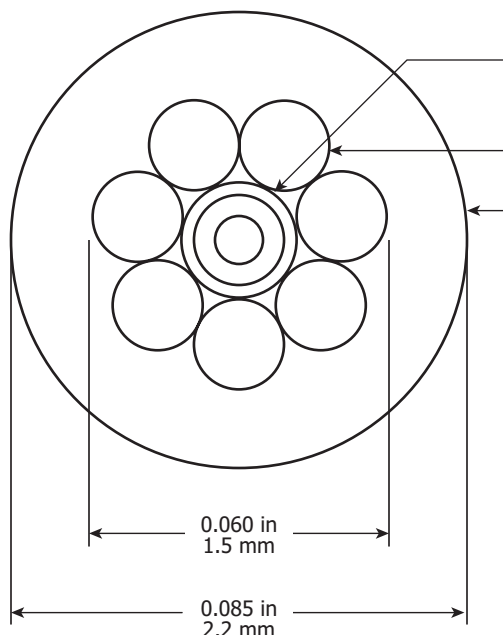
Weight in Air:
9.0 lb/kft (13.4 kg/km)

Weight in Sea Water:
6.2 lb/kft (9.2 kg/km)

RUGGEDIZED FIBER OPTIC CABLE



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Fiber Type: Depressed Clad Single-Mode
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Operating Parameters

Recommended Bend Radius:
1.5 in (38.1 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)