

## PRODUCT DESCRIPTION

**FIRST MANUFACTURER IN THE INDUSTRY**  
to offer products that contribute toward LEED!

The Rugged Indoor/Outdoor MDU is a 4.8 mm simplex cable that meets ICEA-730 specification for MDU cables. The cable is robust and can handle installation tensions as high as 100 pounds. The black jacket is UL® Listed Sunlight Resistant and the cable design employs dry block technology to prevent water penetration without the use of gels. This cable is available with G.657.B3 compliant bend resistant single mode fiber, preventing light loss even under tight bends.

## APPLICATIONS

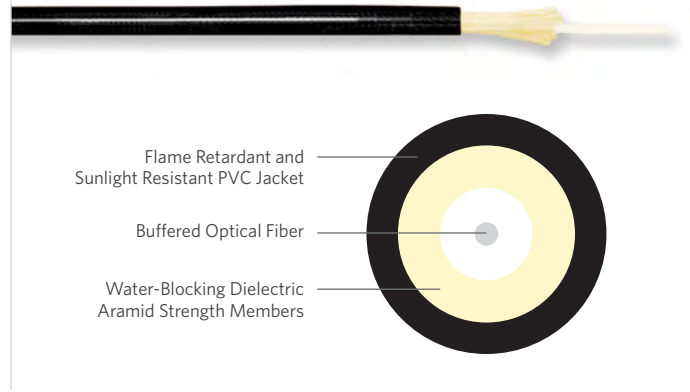
- Multi-Dwelling Units (MDU)
- Indoor or outdoor environments
- Horizontal (non-plenum) or riser spaces
- Optical entrance facility to end-user
- Passive optical networks

## FEATURES

- UL Certified Environmental Product Declaration (EPD)
- Health Product Declaration™ (HPD™)
- ICEA S-115-730-2011 and ICEA-696 compliant
- Available with G.657.B3 single mode fiber
- Dry blocked core
- UL Sunlight Resistant
- Riser rated
- Feet/meter length marking
- BrakeBox® payout control system

## BENEFITS

- Contributes toward 1 LEED point under the Material and Resources credit (MRc)
- Contributes toward 1 LEED point under the MRC
- Insures reliable installation and performance
- Assures low attenuation loss even under installation stresses, such as tight bends and cable stapling
- Prevents water ingress from OSP to ISP environments
- Assures reliable performance even after long term sunlight exposure
- Meets fire safety requirements for MDUs
- No need for length unit conversion
- Adjustable tension control on reel prevents over spin and entangling of cable



## SPECIFICATIONS

|                        |  |
|------------------------|--|
| Configuration          | Simplex 900 micron tight buffered fiber surrounded by water-blocking aramid yarns and covered by a riser-rated flame retardant and sunlight resistant jacket |
| Strength Elements      | Dielectric aramid yarns  |
| Water-Blocking         | SAP Dry Block  |
| Jacket                 | Black, flame retardant, sunlight resistant PVC   |
| Performance Compliance | UL 1666<br>Telcordia® GR-409-CORE, Issue 2<br>ANSI/ICEA S-83-696<br>ICEA S-115-730-2011<br>ANSI/TIA-568.3-D<br>REACH-compliant                               |
| NRTL Programs          | UL, c(UL) Listed OFNR<br>UL, c(UL) Listed Sunlight Resistant   |
| Sustainability         | UL Certified EPD<br>HPD<br>USGBC® Member<br>RoHS-compliant/RoHS 2-compliant<br>REACH-compliant   |

## ENVIRONMENTAL SPECIFICATIONS

|                  |                |
|------------------|----------------|
| Operation        | -40°C to +70°C |
| Storage/Shipping | -40°C to +70°C |
| Installation     | -10°C to +65°C |

## PART NUMBERS AND PHYSICAL CHARACTERISTICS

| Listing | Part Number <sup>1</sup> | Fiber Count | Nominal Diameter in (mm) | Nominal Weight lbs/kft (kg/km) | Maximum Tensile Loading |                   | Minimum Bend Radius |                   |
|---------|--------------------------|-------------|--------------------------|--------------------------------|-------------------------|-------------------|---------------------|-------------------|
|         |                          |             |                          |                                | Install lbs (N)         | Long Term lbs (N) | Install in (mm)     | Long Term in (mm) |
| OFNR    | D5001L5yy                | 1           | 0.19 (4.8)               | 6.2 (9.3)                      | 100 (450)               | 30 (132)          | 2.0 (50)            | 0.3 (7.5)         |

## PACKAGING

|                                 | Cut to Length Plywood Reel | 1,000 ft BrakeBox | 1,500 ft BrakeBox | 2,000 ft BrakeBox |
|---------------------------------|----------------------------|-------------------|-------------------|-------------------|
| <sup>1</sup> Replace "yy" with: | 01                         | BB                | BD                | BC                |

## SUSTAINABILITY LEADERSHIP



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