

# RoHS

## Features and Benefits

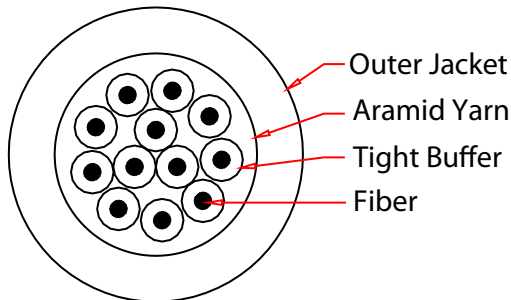
- 900µm Tight Buffers
- Water blocking aramid yarn strength members
- UV resistant jacket, OFNR rated construction
- Exclusive use of Corning® optical fibers
- Jacket print ensures product identification and fiber compatibility
- Durable jacket offers added protection during installation and in rugged use applications

## Description

CableWholesale, Inc. Indoor/ Outdoor Cable is composed of 2 to 24 colored tight buffered optical fibers, water blocking aramid yarn, and a UV resistant black PVC outer jacket. All component materials meet the EU RoHS and REACH Directive standards.

CWS Indoor/ Outdoor Cable is available in carbon black or special order colors(including 12 TIA standard colors). UL Listed OFNR cables are available, and unrated cables may be supplied to accommodate special needs. Standard surface print denotes construction, NEC rating, and fiber type, and includes footage markers.

Custom print may also be accommodated.



Cable Section

**Application**  
Riser  
Duct  
Indoor/Outdoor

**Flame Rating**  
UL1666  
UL1685 (FT4)

## Product Specifications

Construction & Material :

| Rev. | Description | Date    |
|------|-------------|---------|
| A    |             | 09-2020 |

| Item                  | Specifications                          |
|-----------------------|---|
| Product               | Multimode, 50/125, OM3, 10 Gbit         |
| Fiber Count           | 12                                      |
| Outer Jacket Material | Flame Retardant PVC                     |
| Outer Jacket Color    | Carbon Black                            |
| Strength Member       | Aramid Yarn                             |
| Tight Buffer Material | Flame Retardant PVC                     |
| Tight Buffer Color    | Available in 12 TIA/ EIA color standard |

| Physical Characteristics                                   | Value(12 Fiber Count) |
|--|-----------------------|
| Nominal Outer Diameter (mm)                                | 5.8                   |
| Weight (lbs/ km)   | 74                    |
| Minimum Bend Radius, Installation (cm), of 2 (fiber count) | 8.7                   |
| Minimum Bend Radius, Operation (cm), of 2 (fiber count)    | 5.8                   |

## Optical Characteristics

| Items                                    | OM3                   |
|--|-----------------------|
| Core Size [µm]                           | 50                    |
| Wavelength [nm]                          | 850/ 1300             |
| Max. Attenuation[dB/km]                  | 3.0/ 1.0              |
| Link Length[m]                           | 300<br>(10Gb/s@850nm) |
| Bandwidth (EMB High Performance)[MHz.km] | 2000 @850             |

## Specifications

|                       |                 |
|-----------------------|-----------------|
| Temperature Range     | Indoor          |
| Storage Temperature   | -40 °C / +70 °C |
| Operating Temperature | -40 °C / +70 °C |

|              |  |  |
|--------------|--|--|
| Item Number: | 10F3-312NH   |  |
| Title:       | 12 Fiber Indoor/Outdoor Fiber Optic Cable, Multimode, 50/125, OM3, 10 Gbit, Black, Riser Rated, Spool, 1000 foot |  |
| Drawn by:    | JL   |  |
| Approved by: | MAC  |  |
| ID:          | 120  |  |