



**Product:** [FS3C00660](#) 

## Outdoor Central Loose Tube OM3 6 Fibers Corrugated Steel Tape Armor

### Product Description

FX Outdoor Central Loose Tube OM3 6 Fibers OSP Corrugated Steel Tape Armor Non-Unitized Black

### Technical Specifications

|                    |                    |
|--------------------|--------------------|
| Part Number:       | FS3C00660          |
| Construction Type: | Central Loose Tube |

### Product Overview

|                        |                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------|
| Environmental Space:   | Outdoor                                                                                                |
| Suitable Applications: | Outdoor, Wet Location, Direct Burial, Aerial (Lashed), Data, Telecommunications, Campus Backbone, Drop |

### Construction

#### Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM3        | 6           |

|                     |                                         |
|---------------------|-----------------------------------------|
| Fiber Color Coding: | Blue, Orange, Green, Brown, Gray, White |
|---------------------|-----------------------------------------|

#### Buffer Specification

| Buffer Diameter |
|-----------------|
| 0.150           |

|                            |            |
|----------------------------|------------|
| Cable Core Water Blocking: | Gel-Filled |
|----------------------------|------------|

### SubUnit Specifications

|                            |                   |
|----------------------------|-------------------|
| Number of Active Subunits: | Non-Unitized      |
| SubUnit Diameter:          | 0.150 in (3.8 mm) |

### Physical Specifications

|                            |            |
|----------------------------|------------|
| Buffer Tube Waterblocking: | Gel Filled |
|----------------------------|------------|

### Jacket Specifications

|                    |                       |
|--------------------|-----------------------|
| Number of Jackets: | Single Jacket         |
| Type of Armor:     | Corrugated Steel Tape |

### Outer Jacket

#### Outer Jacket Material

| Material          | Nominal Diameter   |
|-------------------|--------------------|
| PE - Polyethylene | 0.410 in (10.4 mm) |

|                     |       |
|---------------------|-------|
| Color:              | Black |
| Number of Ripcords: | 1     |

### Optical Characteristics

|                                  |                          |
|----------------------------------|--------------------------|
| Effective Modal Bandwidth (EMB): | 2000 MHz-km / 500 MHz-km |
| Fiber Core Diameter:             | 50/125µm                 |

|                                        |                          |
|----------------------------------------|--------------------------|
| Max Attenuation at 1300 nm:            | 1.0 dB/km                |
| Max Attenuation at 850 nm:             | 3.0 dB/km                |
| Wavelength:                            | 850 nm / 1300 nm         |
| 10 Gigabit Ethernet Performance:       | 300 m / 300 m            |
| 1 Gigabit Ethernet Performance:        | - / 550 m                |
| Min Overfilled Launch (OFL) Bandwidth: | 1500 MHz-km / 500 MHz-km |

### Mechanical Characteristics

#### Mechanical Tests

| Description                                           | Requirement/Value |
|-------------------------------------------------------|-------------------|
| Cable Min. Bend Radius Installation (Short Term)      | 20x Cable OD      |
| Cable Min. Bend Radius Operation (Long Term)          | 10x Cable OD      |
| Cable Max. Tensile Strength Installation (Short Term) | 135 N (600 lbf)   |
| Cable Max. Tensile Strength Operation (Long Term)     | 45 N (200 lbf)    |

### Temperature Range

|                          |              |
|--------------------------|--------------|
| Operating Temp Range:    | -40C to +70C |
| Installation Temp Range: | -20C to +70C |
| Storage Temp Range:      | -40C to +70C |

### Standards

|                          |                    |
|--------------------------|--------------------|
| UL Rating/Flame Test:    | OSP                |
| TIA/EIA Compliance:      | ANSI/ICEA S-87-640 |
| RoHS:                    | Yes                |
| UV/ Sunlight Protection: | Yes                |

### History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.76 Revision Date: 06-01-2020 |
|----------------------|-------------------------------------------------|

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