



Indoor/outdoor Fiber Optic Cable, 16-fiber, office distribution, singlemode, ULSZH, yellow. Provides Rodent Resistance.

- designed to offer flexibility, strength and compact construction for internal and interbuilding use
- non-metallic construction reinforced by E-glass yarns, which provide rodent resistance and higher tensile strength
- oversheathed with a ULSZH jacket meeting IEC fire performance requirements

OBSOLETE

This product was discontinued on: July 6, 2021

Product Classification

|                       |                            |
|-----------------------|----------------------------|
| Regional Availability | Asia   EMEA                |
| Portfolio             | CommScope®                 |
| Product Type          | Fiber indoor/outdoor cable |
| Product Series        | C-DS                       |

General Specifications

|                   |               |
|-------------------|---------------|
| Cable Type        | Tight buffer  |
| Jacket Color      | Yellow        |
| Jacket Marking    | Meters        |
| Strength Members  | E-glass yarns |
| Total Fiber Count | 16            |

Dimensions

|                      |                 |
|----------------------|-----------------|
| Diameter Over Jacket | 9 mm   0.354 in |
|----------------------|-----------------|

Mechanical Specifications

|                                   |                         |
|-----------------------------------|-------------------------|
| Minimum Bend Radius, loaded       | 230 mm   9.055 in       |
| Minimum Bend Radius, unloaded     | 140 mm   5.512 in       |
| Tensile Load, short term, maximum | 2000 N   449.618 lbf    |
| Cable Crush Resistance, maximum   | 20 N/mm   114.203 lb/in |

Optical Specifications

# 1594771-6 | C-016-DS-8W-MSUYL/GY/C

|   |                                 |
|---|---------------------------------|
| Fiber Type                                  | OS2                             |
| Optical Specifications, Wavelength Specific |                                 |
| Standards Compliance                        | IEC 60794-1   TIA-492CAAB (OS2) |

## Environmental Specifications

|  |  |
|--|--|
| Installation temperature                     | -5 °C to +50 °C (+23 °F to +122 °F)      |
| Operating Temperature                        | -20 °C to +60 °C (-4 °F to +140 °F)      |
| Storage Temperature                          | -20 °C to +60 °C (-4 °F to +140 °F)      |
| EN50575 CPR Cable EuroClass Fire Performance | Cca                                      |
| EN50575 CPR Cable EuroClass Smoke Rating     | s2                                       |
| EN50575 CPR Cable EuroClass Droplets Rating  | d1                                       |
| EN50575 CPR Cable EuroClass Acidity Rating   | a1                                       |
| Environmental Space                          | Universal Low Smoke Zero Halogen (ULSZH) |

## Packaging and Weights

|              |                          |
|--------------|--------------------------|
| Cable weight | 90 kg/km   60.477 lb/kft |
|--------------|--------------------------|

## Regulatory Compliance/Certifications

| Agency     | Classification   |
|------------|--|
| CENELEC    | EN 50575 compliant, Declaration of Performance (DoP) available   |
| CHINA-ROHS | Below maximum concentration value  |
| REACH-SVHC | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS       | Compliant  |
| UK-ROHS    | Compliant  |



## \* Footnotes

|                       |   |
|-----------------------|---|
| Operating Temperature | Specification applicable to non-terminated bulk fiber cable |
|-----------------------|---|