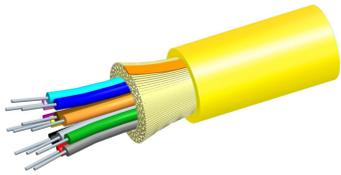


# 1594454-6 | C-024-DS-8W-MSUYL/GY/C



Fiber Indoor/outdoor Cable, office distribution, 24 fiber, ULSZH, Gel-free, Singlemode G.652.D and G.657.A1, Meters jacket marking, Yellow jacket color, Cca flame rating. 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

## Product Classification

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

## General Specifications

<b>Cable Type</b>	Semi-tight buffer
<b>Jacket Color</b>	Yellow
<b>Jacket Marking</b>	Meters
<b>Jacket Marking Method</b>	Inkjet
<b>Jacket Marking Text</b>	COMMScope GB OPTICAL CABLE 1594454-6 24x9/125 OS1a EN50575 CLASS C ULSZH [Serial number] [metre mark]
<b>Strength Members</b>	E-glass yarns
<b>Fibers per Subunit, quantity</b>	6
<b>Total Fiber Count</b>	24

## Dimensions

<b>Diameter Over Jacket</b>	9.5 mm   0.374 in
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## Mechanical Specifications

<b>Minimum Bend Radius, loaded</b>	240 mm   9.449 in
<b>Minimum Bend Radius, unloaded</b>	150 mm   5.906 in
<b>Tensile Load, short term, maximum</b>	2000 N   449.618 lbf
<b>Cable Crush Resistance, maximum</b>	20 N/mm   114.203 lb/in

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## Optical Specifications

**Fiber Type** G.652.D and G.657.A1

## 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** 92 kg/km | 61.821 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