# 810010195/DB | C-012-LN-8F-Ml2BK/14D/AY/D-2000-DK02 



Fiber Indoor/outdoor Cable, Low Smoke Zero Halogen / 12 fiber Microsheath, Tube Colours as per DIN/VDE 0888, Gel-free, Singlemode G.657.Al, Meters jacket marking, Black jacket color, Dca flame rating

## Product Classification

## Regional Availability

## Portfolio

Product Type
Product Series

## General Specifications

## Cable Type

Subunit Type
Filler, quantity
Jacket Color
Jacket Marking
Jacket Marking Method
Jacket Marking Text

Subunit, quantity
Fibers per Subunit, quantity
Total Fiber Count
Dimensions
Cable Length
Diameter Over Jacket

## Mechanical Specifications

## Minimum Bend Radius, loaded

Minimum Bend Radius, unloaded
Tensile Load, long term, maximum
Tensile Load, short term, maximum

Asia | Australia/New Zealand | EMEA

## CommScope®

Fiber indoor/outdoor cable
C-LN

Stranded microsheath tube
Gel-free
5
Black
Meters
Inkjet
COMMSCOPE GB F.O. CABLE 810010195/DB 12x9/125 ITU-T G. 657A1 EN50575 CLASS D ULSZH (serial number) (metre mark)

11212

2000 m | 6,561.68 ft
6.1 mm | 0.24 in
810010195/DB ..... C-012-LN-8F-M12BK/14D/AY/D- 2000-DK02

Cable Crush Resistance, maximum
Compression Test Method
Impact
Impact Test Method
Strain Test Method
Twist
Twist Test Method

## Optical Specifications

Fiber Type
$10 \mathrm{~N} / \mathrm{mm}$ | $57.101 \mathrm{lb} / \mathrm{in}$
IEC 60794-1-21 E3
$2 \mathrm{~N}-\mathrm{m}$ | 17.701 in lb
IEC 60794-1-21 E4
IEC 60794-1-21 E1
5 cycles
IEC 60794-1 E7

## Optical Specifications, Wavelength Specific

Attenuation, maximum
Standards Compliance

## Environmental Specifications

## Operating Temperature

EN50575 CPR Cable EuroClass Fire Performance
EN50575 CPR Cable EuroClass Smoke Rating
EN50575 CPR Cable EuroClass Droplets Rating
EN50575 CPR Cable EuroClass Acidity Rating
Environmental Space
Water Penentration
Water Penentration Test Method

## Environmental Test Specifications

## Temperature Cycle

Temperature Cycle Test Method

## Packaging and Weights

Cable weight

$0.25 \mathrm{~dB} / \mathrm{km} @ 1,550 \mathrm{~nm}$ | $0.27 \mathrm{~dB} / \mathrm{km} @ 1,490 \mathrm{~nm}$ | $0.27 \mathrm{~dB} / \mathrm{km} @$
$1,625 \mathrm{~nm}$ | $0.36 \mathrm{~dB} / \mathrm{km} @ 1,310 \mathrm{~nm}$

TIA-492CAAB (OS2)
$-40^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}\left(-40^{\circ} \mathrm{F}\right.$ to $\left.+158^{\circ} \mathrm{F}\right)$
Dca
s1a
d1
a1
Universal Low Smoke Zero Halogen (ULSZH)

## 336 h

IEC 60794-1 F5
$-40^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}\left(-40^{\circ} \mathrm{F}\right.$ to $\left.+158^{\circ} \mathrm{F}\right)$
IEC 60794-1-22 F1
$38 \mathrm{~kg} / \mathrm{km}$ | $25.535 \mathrm{lb} / \mathrm{kft}$

## Regulatory Compliance/Certifications

## 810010195/DB | C-012-LN-8F-M12BK/14D/AY/D-2000-DK02

CHINA-ROHS
REACH-SVHC
ROHS
UK-ROHS


## Included Products

CS-8F-LT Fiber

## * Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

