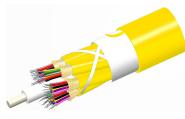
### 810009800/DB | N-072-DS-8W-MMUYL/C



Fiber indoor cable, TeraSPEED® Low Smoke Zero Halogen Riser Distribution, 72 fiber multi-unit with 12 fiber subunits, Gel-free, Singlemode G.652.D and G.657.A1, Meters jacket marking, Yellow jacket color, Cca flame rating

### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | EMEA

 Portfolio
 CommScope®

 Product Type
 Fiber indoor cable

Product Series N-DS

General Specifications

 Cable Type
 Distribution

 Construction Type
 Non-armored

Subunit TypeGel-freeJacket ColorYellowJacket MarkingMetersSubunit, quantity6Fibers per Subunit, quantity12

Total Fiber Count 72

**Dimensions** 

Buffer Tube/Subunit Diameter 6.07 mm | 0.239 in Diameter Over Jacket 20.01 mm | 0.788 in

Mechanical Specifications

Minimum Bend Radius, loaded300 mm | 11.811 inMinimum Bend Radius, unloaded200 mm | 7.874 inTensile Load, long term, maximum400 N | 89.924 lbfTensile Load, short term, maximum1335 N | 300.12 lbfCompression10 N/mm | 57.101 lb/in

Compression Test Method FOTP-41 | IEC 60794-1 E3

Flex 100 cycles

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Flex Test Method FOTP-104 | IEC 60794-1 E6

**Impact** 5.88 N-m | 52.042 in lb

Impact Test Method FOTP-25 | IEC 60794-1 E4

Strain Test Method FOTP-33 | IEC 60794-1 E1

Twist 10 cycles

Twist Test Method FOTP-85 | IEC 60794-1 E7

**Vertical Rise, maximum** 113 m | 370.735 ft

Optical Specifications

**Fiber Type** G.652.D and G.657.A1, TeraSPEED®

**Environmental Specifications** 

Installation temperature  $-10 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (+14  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Operating Temperature  $-20 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-4  $^{\circ}\text{F}$  to +158  $^{\circ}\text{F}$ )

Storage Temperature  $-40 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-40  $^{\circ}\text{F}$  to +158  $^{\circ}\text{F}$ )

Cable Qualification Standards ANSI/ICEA S-83-596 | Telcordia GR-409

EN50575 CPR Cable EuroClass Fire PerformanceCcaEN50575 CPR Cable EuroClass Smoke Ratings1bEN50575 CPR Cable EuroClass Droplets Ratingd1EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Low Smoke Zero Halogen (LSZH) | Riser

Flame Test Listing NEC OFNR-ST1 (ETL) and c(ETL)

Flame Test Method | IEC 60332-3 | IEC 60754-2 | IEC 61034-2 | UL 1666 | UL 1685

**Environmental Test Specifications** 

**Heat Age** -20 °C to +85 °C (-4 °F to +185 °F)

**Heat Age Test Method** IEC 60794-1 F9

**Low High Bend**  $-10 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (+14  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

**Low High Bend Test Method** FOTP-37 | IEC 60794-1 E11

**Temperature Cycle** -20 °C to +70 °C (-4 °F to +158 °F)

**Temperature Cycle Test Method** FOTP-3 | IEC 60794-1 F1

Packaging and Weights



# 810009800/DB | N-072-DS-8W-MMUYL/C

#### Cable weight

360 kg/km | 241.909 lb/kft

#### Included Products

CS-8W-TB - TeraSPEED® Singlemode Fiber

### \* Footnotes

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

