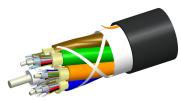
# 760089011 | P-036-0D-CM-FMUBK/8W012 /5K024



Fiber Indoor/Outdoor cable, TeraSPEED® Plenum Distribution, 36 fiber multi-unit with 12 fiber subunits, Gel-free, Singlemode + Multimode OM4, Feet jacket marking, Black jacket color

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | Latin America | Middle East

/Africa | North America

Portfolio CommScope®

Product Type Fiber indoor/outdoor cable

Product Series P-OD

General Specifications

Cable TypeDistribution

Construction Type Non-armored

**Subunit Type** Gel-free

Jacket Color Black

Jacket Marking Feet

Subunit, quantity 3

Fibers per Subunit, quantity 12

Composite Fiber Count 12 + 24

**Total Fiber Count** 36

**Dimensions** 

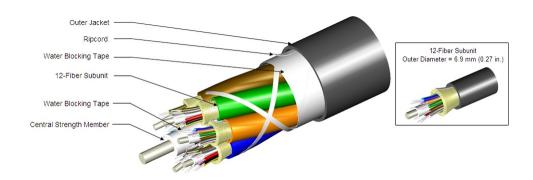
**Buffer Tube/Subunit Diameter** 6.9 mm | 0.272 in

**Diameter Over Jacket** 17.1 mm | 0.673 in

Representative Image



# 760089011 | P-036-0D-CM-FMUBK/8W012 /5K024



### Mechanical Specifications

Minimum Bend Radius, loaded 257 mm | 10.118 in

Minimum Bend Radius, unloaded 171 mm | 6.732 in

**Tensile Load, long term, maximum** 1068 N | 240.096 lbf

Tensile Load, short term, maximum 3560 N | 800.32 lbf

**Compression** 22 N/mm | 125.623 lb/in

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

Flex 100 cycles

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** See long and short term tensile loads

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

Twist 10 cycles

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

**Vertical Rise, maximum** 421 m | 1,381.234 ft

Optical Specifications

Fiber Type Composite MM/SM | G.652.D and G.657.A1, TeraSPEED® | OM4,

LazrSPEED® 550

## **Environmental Specifications**

Installation temperature  $-30 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-22 °F to +158 °F)

Operating Temperature  $-25 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-13 °F to +158 °F)

Storage Temperature  $-40 \,^{\circ}\text{C}$  to  $+75 \,^{\circ}\text{C}$  (-40 °F to +167 °F)

Page 2 of 4



## 760089011 | P-036-0D-CM-FMUBK/8W012 /5K024

Cable Qualification Standards ANSI/ICEA S-104-696 | Telcordia GR-20 (water penetration) | Telcordia

GR-409

Environmental Space Plenum

Flame Test Listing

NEC OFNP (ETL) and c(ETL)

Flame Test Method

NFPA 130 | NFPA 262

Jacket UV Resistance UV stabilized

Water Penetration 24 h

Water Penetration Test Method FOTP-82 | IEC 60794-1 F5

**Environmental Test Specifications** 

Cable Freeze Test Method IEC 60794-1 F15

-40 °C to +85 °C (-40 °F to +185 °F)

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

**Low High Bend**  $-40 \,^{\circ}\text{C} \text{ to } +70 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +158 \,^{\circ}\text{F})$ 

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

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

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

Packaging and Weights

Cable weight 259 kg/km | 174.04 lb/kft

## Regulatory Compliance/Certifications

#### Agency Classification

CHINA-ROHS Below maximum concentration value

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



#### Included Products

CS-5K-TB – LazrSPEED® 550 OM4 Bend-Insensitive Multimode

Fiber

CS-8W-TB - TeraSPEED® Singlemode Fiber

COMMSC PE°

# 760089011 | P-036-0D-CM-FMUBK/8W012 /5K024

\* Footnotes

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

Page 4 of 4