FBWLCUC11

Base Product



TeraSPEED® LC/UPC to Unconnectorized, Fiber Pigtail, 0.9 mm SBJ

Product Classification

Regional Availability

Asia | Australia/New Zealand | China | Europe | India | Latin

America | Middle East/Africa | North America

Portfolio CommScope®

Product Type Fiber pigtail, unjacketed

Product Brand SYSTIMAX InstaPATCH® 360

Product Series FBW

Ordering Note Minimum length may vary based on cable configuration

General Specifications

Color, boot A Blue
Color, connector A Blue
Interface, Connector A LC/UPC
Jacket Color Yellow

Total Fibers, quantity

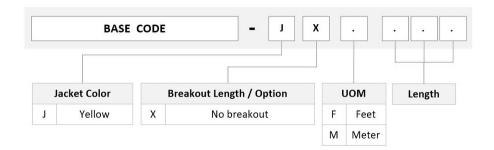
Dimensions

Cable Assembly Length Range (m) 1 - 20
Cable Assembly Length Range (ft) 1 - 66

Ordering Tree



FBWLCUC11



Mechanical Specifications

Cable Retention Strength, maximum $\,$ 2.00 lb @ 90 $^{\circ}$ | 5.00 lb @ 0 $^{\circ}$

Optical Specifications

Fiber Mode Singlemode

Fiber Type G.652.D | G.657.A1, TeraSPEED®

Environmental Specifications

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

Environmental Space Dual Rated LSZH/Riser

Packaging and Weights

Packaging quantity 2

Regulatory Compliance/Certifications

AgencyClassificationANATELCompliantCHINA-ROHSBelow 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



FBWLCUC11

760004564 N-001-RF-8W-F09YL

860657283

- Fiber Indoor Cable, TeraSPEED® 0.9 mm Low Smoke Zero Halogen Reinforced Buffered, 1 fiber, Singlemode G.652.D and G.657.A1, Gel-free, Feet jacket marking, Yellow jacket color
- LC/UPC Connector, Singlemode, Blue

760004564 | N-001-RF-8W-F09YL



Fiber Indoor Cable, TeraSPEED® 0.9 mm Low Smoke Zero Halogen Reinforced Buffered, 1 fiber, Singlemode G.652.D and G.657.A1, Gel-free, Feet jacket marking, Yellow jacket color

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio CommScope®

Product Type Fiber indoor cable

Product Series N-RF

General Specifications

Cable TypeCordage

Construction Type Non-armored

Subunit TypeGel-freeJacket ColorYellowJacket MarkingFeet

Total Fiber Count

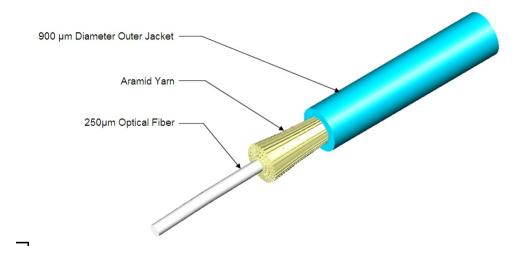
Dimensions

Diameter Over Jacket 0.9 mm | 0.035 in

Representative Image



760004564 | N-001-RF-8W-F09YL



Mechanical Specifications

Minimum Bend Radius, loaded38 mm1.496 inMinimum Bend Radius, unloaded15 mm0.591 inTensile Load, long term, maximum20 N | 4.496 lbfTensile Load, short term, maximum67 N | 15.062 lbf

 Compression
 10 N/mm | 57.101 lb/in

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

Flex 300 cycles

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

Impact 0.74 N-m | 6.55 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 500 m | 1,640.42 ft

Optical Specifications

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

Environmental Specifications



760004564 | N-001-RF-8W-F09YL

Installation temperature $-10 \,^{\circ}\text{C}$ to $+50 \,^{\circ}\text{C}$ (+14 $^{\circ}\text{F}$ to +122 $^{\circ}\text{F}$)

Operating Temperature $-20 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-4 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)

Storage Temperature $-20 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (-4 $^{\circ}\text{F}$ to $+140 \,^{\circ}\text{F}$)

Cable Qualification StandardsANSI/ICEA S-83-596 | Telcordia GR-409Environmental SpaceLow 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 $-20 \, ^{\circ}\text{C} \text{ to } +85 \, ^{\circ}\text{C} \, (-4 \, ^{\circ}\text{F to } +185 \, ^{\circ}\text{F})$

Heat Age Test Method IEC 60794-1 F9

Low High Bend $-20 \, ^{\circ}\text{C} \text{ to } +70 \, ^{\circ}\text{C} \, (-4 \, ^{\circ}\text{F to } +158 \, ^{\circ}\text{F})$

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

Cable weight 1 kg/km | 0.672 lb/kft

Regulatory Compliance/Certifications

Agency Classification

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ROHS Compliant UK-ROHS Compliant



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable



860657283



LC/UPC Connector, Singlemode, Blue

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio CommScope®

Product Type Fiber connector

General Specifications

 Color, boot
 Blue

 Color, housing
 Blue

 Interface
 LC/UPC

Dimensions

 Length
 39.6 mm | 1.559 in

 Compatible Cable Diameter
 0.9 mm | 0.035 in

Material Specifications

Ferrule Material Zirconia

Mechanical Specifications

Cable Retention Strength, maximum 1.00 lb @ 0 °

Optical Specifications

Fiber Mode Singlemode

Insertion Loss Change, mating 0.2 dB

Optical Components Standard ANSI/TIA-568. 3-D | IEC 61753-1

Insertion Loss Change, temperature0.2 dBInsertion Loss, maximum0.34 dBReturn Loss, minimum50 dB



860657283

Regulatory Compliance/Certifications

Agency Classification

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ROHS Compliant UK-ROHS Compliant



* Footnotes

Insertion Loss Change, matingTIA-568: Maximum insertion loss change after 500 matings

Insertion Loss Change, temperature Maximum insertion loss change from -10 °C to +60 °C (+14 °F to +140 °F)

