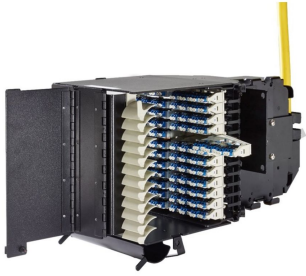# NGFB-TB5SLUK0BEXXX



Next Generation Frame (NGF) Fiber Termination Block with IFC Cable, Dual Rated, Rollable Ribbon singlemode 200u, 288 LC/UPC to Stub tail, left oriented, upward cable exit, black

1-100 meters. For additional length options, contact your CommScope representative.

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia   \|   EMEA   \|   Latin America   \|   North America |
| **Product Type** | Fiber patch block, with IFC cable |
| **Product Series** | NGFB |

## General Specifications

| | |
|---|---|
| **Functionality** | Patching |
| **Application** | Used with NGF-style frames only |
| **Body Style** | Left orientation |
| **Cable Exit Location** | Upward |
| **Cable Type** | IFC, rollable ribbon |
| **Color** | Black |
| **Door Type, front** | Compression latch   \|   Hinged |
| **Growth Configuration** | Fully loaded |
| **Interface, front** | LC/UPC |
| **Interface, rear** | Stub tail |
| **Rack Type** | NGF |
| **Shelf Movement** | Sliding |
| **Total Ports, quantity** | 288 |

## Material Specifications

| | |
|---|---|
| **Finish** | Powder coated |
| **Material Type** | Steel |

## Optical Specifications

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# NGFB-TB5SLUK0BEXXX

| | |
|---|---|
| **Fiber Mode** | Singlemode |
| **Fiber Type** | G.657.A2   |   OS2 |

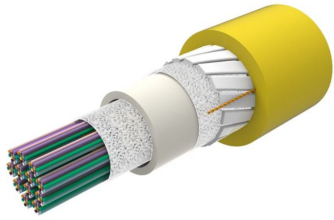## Environmental Specifications

| | |
|---|---|
| **Operating Temperature** | -5 °C to +50 °C (+23 °F to +122 °F) |
| **Storage Temperature** | -40 °C to +70 °C (-40 °F to +158 °F) |
| **Relative Humidity** | Up to 80%, non-condensing |
| **Qualification Standards** | Telcordia GR-449-CORE |

## Packaging and Weights

| | |
|---|---|
| **Packaging quantity** | 1 |

## Included Products

| | | |
|---|---|---|
| 760245281<br>N-288-CN-RR-F12YL/8G/99L/200/C | – | Indoor, All-Dielectric, Low Smoke Zero Halogen (LSZH), Riser-Rated, Gel-Free, Central Tube 200µm Rollable Ribbon Fiber Cable |

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# 760245281  |  N-288-CN-RR-F12YL/8G/99L/200/C

Indoor, All-Dielectric, Low Smoke Zero Halogen (LSZH), Riser-Rated, Gel-Free, Central Tube 200µm Rollable Ribbon Fiber Cable

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia   |   Australia/New Zealand   |   EMEA   |   Latin America   |   North America |
| **Portfolio** | CommScope® |
| **Product Type** | Fiber indoor cable |
| **Product Series** | N-CN |

## General Specifications

| | |
|---|---|
| **Cable Type** | Ribbon central tube |
| **Construction Type** | Non-armored |
| **Fiber Type, quantity** | 288 |
| **Fibers per Ribbon, quantity** | 12 |
| **Jacket Color** | Yellow |
| **Jacket Marking** | Feet |
| **Subunit Type** | Gel-free |
| **Total Fiber Count** | 288 |

## Dimensions

| | |
|---|---|
| **Buffer Tube/Subunit Diameter** | 6.1 mm  |  0.24 in |
| **Diameter Over Jacket** | 10.5 mm  |  0.413 in |

## Representative Image

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Flame Retardant Outer Jacket
Strength Elements
Water-Blocking Tape
Ripcords
All-Dry Central Tube
Water-Blocking Tape
Rollable Ribbon
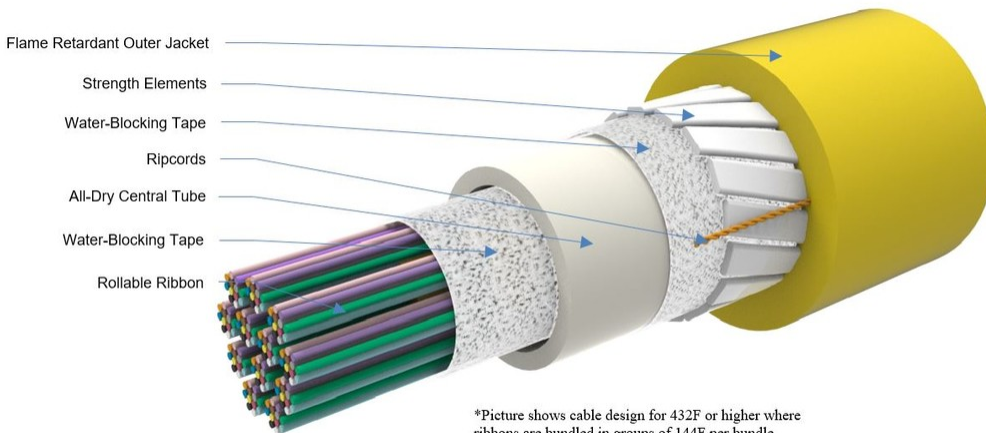
*Picture shows cable design for 432F or higher where ribbons are bundled in groups of 144F per bundle.
*144F & 288F count designs use water blocking threads rather than a water blocking tape inside the buffer tube.

## Mechanical Specifications

| | |
|---|---|
| **Minimum Bend Radius, loaded** | 210 mm  |  8.268 in |
| **Minimum Bend Radius, unloaded** | 158 mm  |  6.22 in |
| **Tensile Load, long term, maximum** | 800 N  |  179.847 lbf |
| **Tensile Load, short term, maximum** | 2700 N  |  606.984 lbf |
| **Compression** | 10 N/mm  |  57.101 lb/in |
| **Compression Test Method** | FOTP-41  |  IEC 60794-1 E3 |
| **Flex** | 25 cycles |
| **Flex Test Method** | FOTP-104  |  IEC 60794-1 E6 |
| **Impact** | 2.94 N-m  |  26.021 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 |

## Optical Specifications

| | |
|---|---|
| **Fiber Type** | G.657.A2/B2  |  G.657.A2/B2 |

## Environmental Specifications

| | |
|---|---|
| **Installation temperature** | -20 °C to +60 °C (-4 °F to +140 °F) |

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# 760245281  |  N-288-CN-RR-F12YL/8G/99L/200/C

| | |
|---|---|
| **Operating Temperature** | -40 °C to +70 °C (-40 °F to +158 °F) |
| **Storage Temperature** | -40 °C to +70 °C (-40 °F to +158 °F) |
| **Cable Qualification Standards** | ANSI/ICEA S-104-696  \|  EN 187105  \|  Telcordia GR-409 |
| **EN50575 CPR Cable EuroClass Fire Performance** | Cca |
| **EN50575 CPR Cable EuroClass Smoke Rating** | s1a |
| **EN50575 CPR Cable EuroClass Droplets Rating** | d0 |
| **EN50575 CPR Cable EuroClass Acidity Rating** | a1 |
| **Environmental Space** | Low Smoke Zero Halogen (LSZH)  \|  Riser |
| **Flame Test Listing** | NEC OFNR-ST1 (ETL) and c(ETL) |
| **Flame Test Method** | CSA FT4  \|  IEC 60332-1-2  \|  IEC 60754-2  \|  IEC 61034-2  \|  UL 1666  \|  UL 1685 |
| **Water Penentration** | 24 h |
| **Water Penentration Test Method** | FOTP-82  \|  IEC 60794-1 F5 |

## Environmental Test Specifications

| | |
|---|---|
| **Cable Freeze** | -2 °C  \|  28.4 °F |
| **Cable Freeze Test Method** | FOTP-98  \|  IEC 60794-1 F15 |
| **Heat Age** | -40 °C to +85 °C (-40 °F to +185 °F) |
| **Heat Age Test Method** | IEC 60794-1 F9 |
| **Low High Bend** | -20 °C to +60 °C (-4 °F to +140 °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** | 95 kg/km  \|  63.837 lb/kft |

## Regulatory Compliance/Certifications

| Agency | Classification |
|---|---|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |

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## * Footnotes

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

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