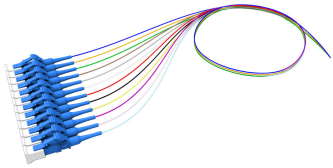


# ACGLFUCNC

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## Base Product



Singlemode LC/UPC to Stub, Fiber Pigtail 0.6 mm, 12-Fiber, Low Smoke Zero Halogen

## Product Classification

|                              |                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   Europe   Latin America   Middle East /Africa   North America |
| <b>Portfolio</b>             | CommScope®                                                                                  |
| <b>Product Type</b>          | Fiber pigtail, unjacketed                                                                   |
| <b>Product Series</b>        | ACG                                                                                         |

## General Specifications

|                               |           |
|-------------------------------|-----------|
| <b>Connector A, quantity</b>  | 12        |
| <b>Color, boot A</b>          | Blue      |
| <b>Color, connector A</b>     | Blue      |
| <b>Interface, Connector A</b> | LC/UPC    |
| <b>Total Fibers, quantity</b> | 12        |
| <b>Transmission Standards</b> | IEC 61755 |

## Dimensions

|                                         |                   |
|-----------------------------------------|-------------------|
| <b>Cable Assembly Length Range (m)</b>  | 1 – 20            |
| <b>Cable Assembly Length Range (ft)</b> | 1 – 66            |
| <b>Diameter Over Jacket</b>             | 0.6 mm   0.024 in |

## Ordering Tree

# ACGLFUCNC



## Mechanical Specifications

|                                          |                       |
|------------------------------------------|-----------------------|
| <b>Minimum Bend Radius, loaded</b>       | 50 mm   1.969 in      |
| <b>Minimum Bend Radius, unloaded</b>     | 30 mm   1.181 in      |
| <b>Tensile Load, long term, maximum</b>  | 3 N   0.674 lbf       |
| <b>Tensile Load, short term, maximum</b> | 6 N   1.349 lbf       |
| <b>Cable Crush Resistance, maximum</b>   | 5 N/mm   28.551 lb/in |
| <b>Mating Durability, maximum</b>        | 0.2 dB @ 500 cycles   |

## Optical Specifications

|                                             |                           |
|---------------------------------------------|---------------------------|
| <b>Fiber Mode</b>                           | Singlemode                |
| <b>Fiber Type</b>                           | G.657.A2, TeraSPEED®      |
| <b>Performance Grade</b>                    | IEC Random Mating Grade B |
| <b>Insertion Loss, maximum, connector A</b> | 0.25 dB                   |
| <b>Return Loss, minimum, connector A</b>    | 50 dB                     |

## Environmental Specifications

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Operating Temperature</b> | -20 °C to +60 °C (-4 °F to +140 °F) |
| <b>Environmental Space</b>   | Low Smoke Zero Halogen (LSZH)       |

## Regulatory Compliance/Certifications

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

## \* Footnotes

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| <b>Performance Grade</b> | Guarantee to meet IEC 61755-1 Random Mating requirement |
|--------------------------|---------------------------------------------------------|