

# ACGLFUCN1

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## Base Product



Singlemode LC/UPC to Stub, Fiber Pigtail, Simplex 0.6 mm, 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

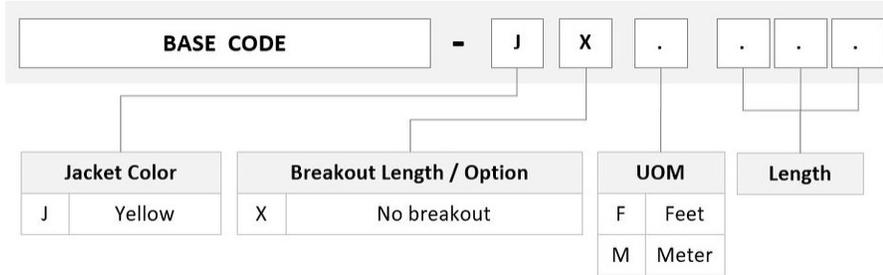
<b>Connector A, quantity</b>	1
<b>Color, boot A</b>	Blue
<b>Color, connector A</b>	Blue
<b>Interface, Connector A</b>	LC/UPC
<b>Jacket Color</b>	Yellow
<b>Polarity</b>	Method A
<b>Total Fibers, quantity</b>	1
<b>Transmission Standards</b>	IEC 61755

## Dimensions

<b>Cable Assembly Length Range (m)</b>	1 – 61
<b>Cable Assembly Length Range (ft)</b>	2 – 200
<b>Diameter Over Jacket</b>	0.6 mm   0.024 in

## Ordering Tree

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## 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
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