## ACGSGUCN1

#### **Base Product**



Singlemode SC/APC to Stub, Fiber Pigtail, Simplex 0.6 mm, Low Smoke Zero Halogen

#### Product Classification

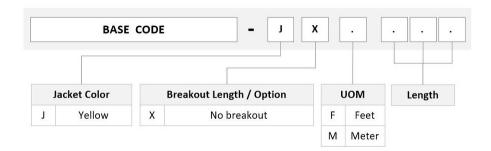
Regional Availability	Asia   Australia/New Zealand   Europe   Latin America   Middle East /Africa   North America
Portfolio	CommScope®
Product Type	Fiber pigtail, unjacketed
Product Series	ACG
General Specifications	
Connector A, quantity	1
Color, boot A	Green
Color, connector A	Green
Interface, Connector A	SC/APC
Jacket Color	Yellow
Polarity	Method A
Total Fibers, quantity	1
Transmission Standards	IEC 61755
Dimensions	
Cable Assembly Length Range (m)	1 – 61
Cable Assembly Length Range (ft)	2 - 200
Diameter Over Jacket	0.6 mm   0.024 in
Ordering Tree	

Page 1 of 2

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 4, 2024



# ACGSGUCN1



### Mechanical Specifications

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

#### **Optical Specifications**

Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®
Performance Grade	IEC Random Mating Grade B
Insertion Loss, maximum, connector A	0.25 dB
Return Loss, minimum, connector A	65 dB

#### **Environmental Specifications**

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

### Regulatory Compliance/Certifications

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

#### \* Footnotes

Performance Grade Guarantee to meet IEC 61755-1 Random Mating requirement

Page 2 of 2

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 4, 2024

