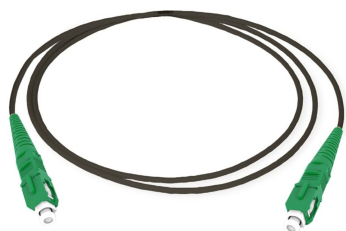


# FID-SG-160M-01A-SG



Fiber Optic Indoor/outdoor 3 mm Drop Cable Assembly, SC/APC-SC /APC, 160 M

## Product Classification

Regional Availability	EMEA
Product Type	Fiber drop cable assembly
Product Series	FID
Ordering Note	For custom cable assembly lengths, please contact your local CommScope representative

## General Specifications

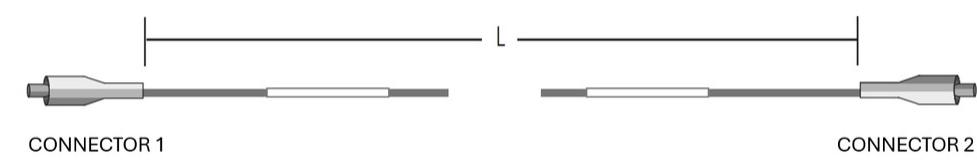
Cable Type	Stapleable - Round
Connector A, quantity	1
Color, boot A	Green
Color, connector A	Green
Connector B, quantity	1
Color, boot B	Green
Color, connector B	Green
Interface, Connector A	SC/APC
Interface Feature, connector A	Male
Interface, Connector B	SC/APC
Interface Feature, connector B	Male
Jacket Color	Black
Total Fibers, quantity	1

## Dimensions

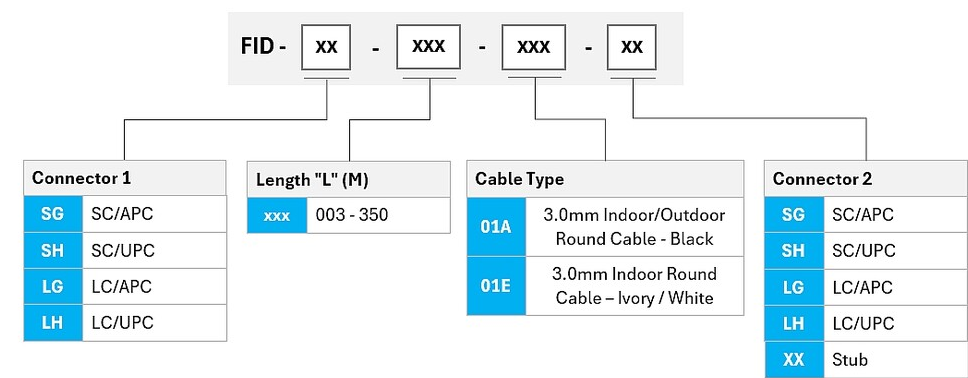
Cable Assembly Length	160 m   524.934 ft
Cable Outer Diameter	3.0 mm (0.12 in)

## Dimension Drawing

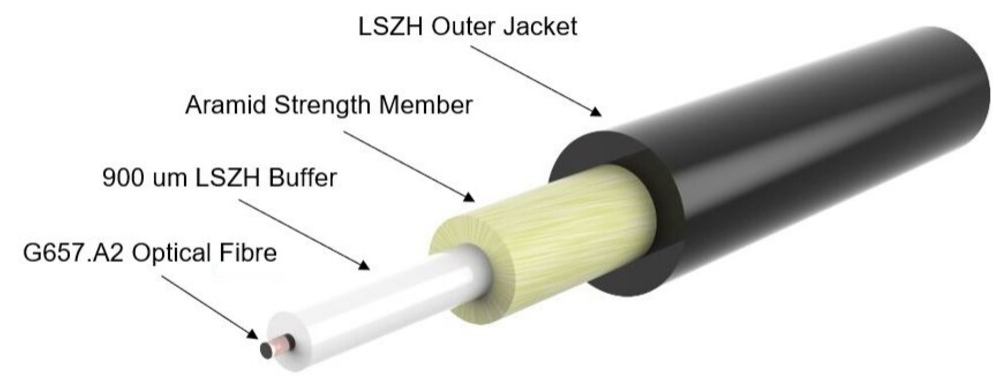
# FID-SG-160M-01A-SG



## Ordering Tree



## Representative Image



## Material Specifications

# FID-SG-160M-01A-SG

<b>Jacket Material</b>		Low Smoke Zero Halogen (LSZH)
<b>Mechanical Specifications</b>		
<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>		30 N   6.744 lbf
<b>Tensile Load, short term, maximum</b>		100 N   22.481 lbf
<b>Cable Crush Resistance, maximum</b>		10 N/mm   57.101 lb/in
<b>Optical Specifications</b>		
<b>Fiber Mode</b>		Singlemode
<b>Fiber Type</b>		G.657.A2, TeraSPEED®
<b>Insertion Loss, maximum, connector A</b>		0.25 dB
<b>Insertion Loss, maximum, connector B</b>		0.25 dB
<b>Return Loss, minimum, connector A</b>		60 dB
<b>Return Loss, minimum, connector B</b>		60 dB
<b>Environmental Specifications</b>		
<b>Installation temperature</b>		-20 °C to +60 °C (-4 °F to +140 °F)
<b>Operating Temperature</b>		-40 °C to +70 °C (-40 °F to +158 °F)
<b>Storage Temperature</b>		-40 °C to +75 °C (-40 °F to +167 °F)
<b>EN50575 CPR Cable EuroClass Fire Performance</b>		Dca
<b>Environmental Space</b>		Indoor/Outdoor
<b>Jacket UV Resistance</b>		UV stabilized
<b>Qualification Standards</b>		IEC 60794-1-2
<b>Packaging and Weights</b>		
<b>Packaging quantity</b>		1
<b>Weight, net</b>		1.52 kg   3.351 lb
<b>Regulatory Compliance/Certifications</b>		
<b>Agency</b>	<b>Classification</b>	
CHINA-ROHS		Below maximum concentration value
REACH-SVHC		Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>

# FID-SG-160M-01A-SG

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ROHS

UK-ROHS

Compliant

Compliant



## Included Products

810010113/DB  
C-001-DN-8G1-M01BK/30D/D-UK00

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Indoor/Outdoor Fiber Optic Drop cable, 1 Fiber G657 A2 0.9mm tight buffer. Breaking load Max 2000N. Suitable for installation under overhead power lines  $\leq 11\text{kV}$ , vertical clearance  $\geq 1.8\text{m}$ .