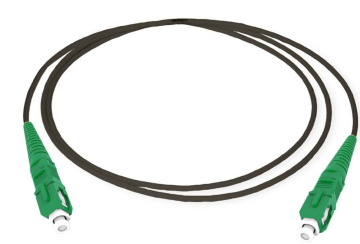


FID-SG-090M-01A-SG



Fiber Optic Indoor/outdoor 3 mm Drop Cable Assembly, SC/APC-SC /APC, 90 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

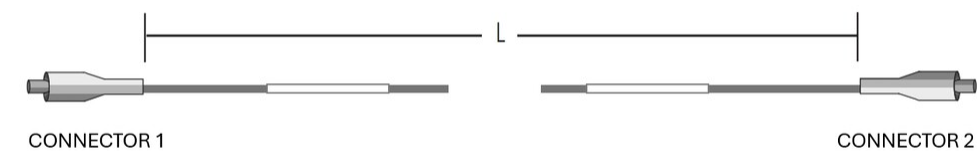
| | |
|--------------------------------|--------------------|
| Cable Type | Stapleable - Round |
| Connector A, quantity | 1 |
| Color, boot A | Green |
| Color, connector A | Green |
| Connector B, quantity | 1 |
| Color, boot B | Green |
| Color, connector B | Green |
| Interface, Connector A | SC/APC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

Dimensions

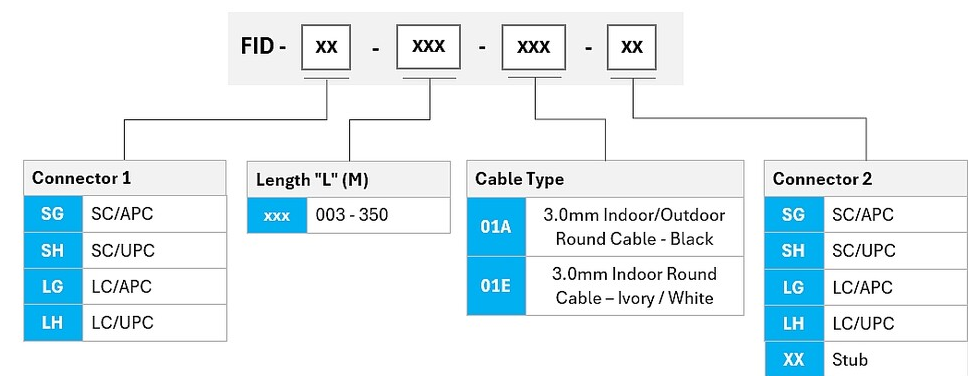
| | |
|-----------------------|-------------------|
| Cable Assembly Length | 90 m 295.276 ft |
| Cable Outer Diameter | 3.0 mm (0.12 in) |

Dimension Drawing

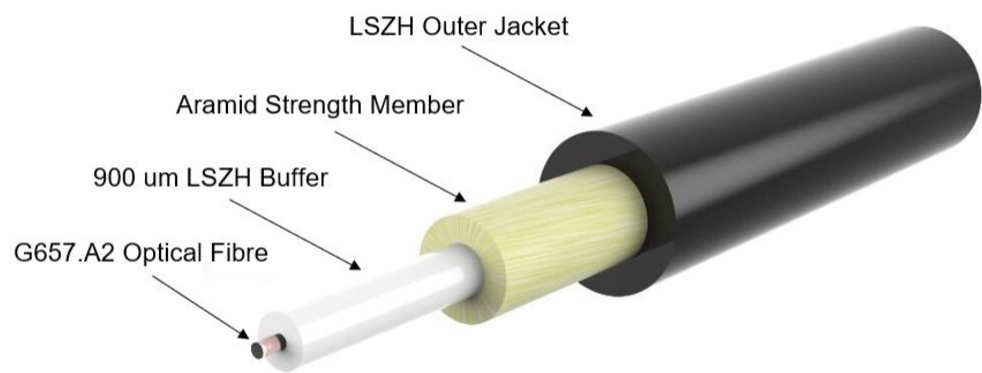
FID-SG-090M-01A-SG



Ordering Tree



Representative Image



Material Specifications

FID-SG-090M-01A-SG

Jacket Material

Low Smoke Zero Halogen (LSZH)

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

30 N | 6.744 lbf

Tensile Load, short term, maximum

100 N | 22.481 lbf

Cable Crush Resistance, maximum

10 N/mm | 57.101 lb/in

Optical Specifications

Fiber Mode

Singlemode

Fiber Type

G.657.A2, TeraSPEED®

Insertion Loss, maximum, connector A

0.25 dB

Insertion Loss, maximum, connector B

0.25 dB

Return Loss, minimum, connector A

60 dB

Return Loss, minimum, connector B

60 dB

Environmental Specifications

Installation temperature

-20 °C to +60 °C (-4 °F to +140 °F)

Operating Temperature

-40 °C to +70 °C (-40 °F to +158 °F)

Storage Temperature

-40 °C to +75 °C (-40 °F to +167 °F)

EN50575 CPR Cable EuroClass Fire Performance

Dca

Environmental Space

Indoor/Outdoor

Jacket UV Resistance

UV stabilized

Qualification Standards

IEC 60794-1-2

Packaging and Weights

Packaging quantity

1

Weight, net

0.87 kg | 1.918 lb

Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

FID-SG-090M-01A-SG

ROHS

UK-ROHS

Compliant

Compliant



Included Products

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

–

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 $\geq 1.8\text{m}$.