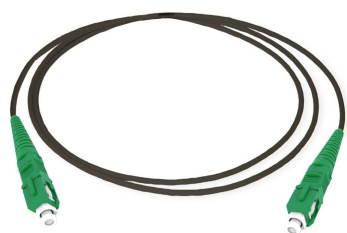


FID-SG-100M-01A-SG



Fiber Optic Indoor/outdoor 3 mm Drop Cable Assembly, SC/APC-SC /APC, 100 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

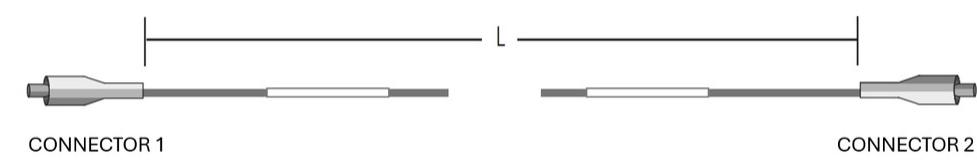
Cable Type	Stapleable - Round
Connector A, quantity	1
Color, boot A	Green
Color, connector A	Green
Connector B, quantity	1
Color, boot B	Green
Color, connector B	Green
Interface, Connector A	SC/APC
Interface Feature, connector A	Male
Interface, Connector B	SC/APC
Interface Feature, connector B	Male
Jacket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

Dimensions

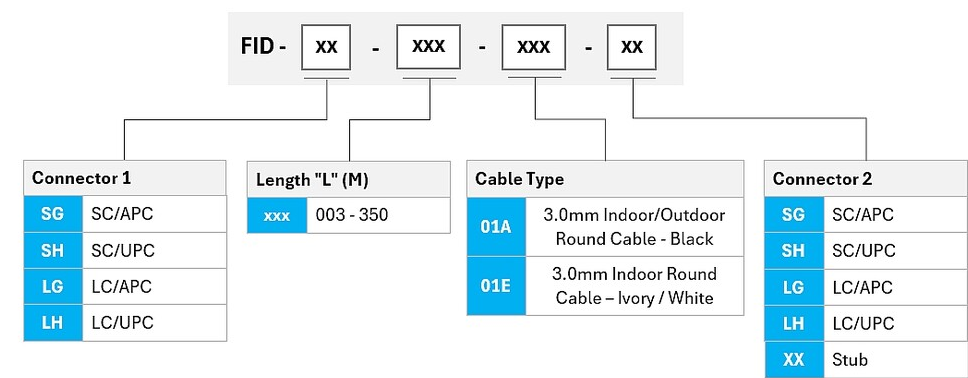
Cable Assembly Length	100 m 328.084 ft
Cable Outer Diameter	3.0 mm (0.12 in)

Dimension Drawing

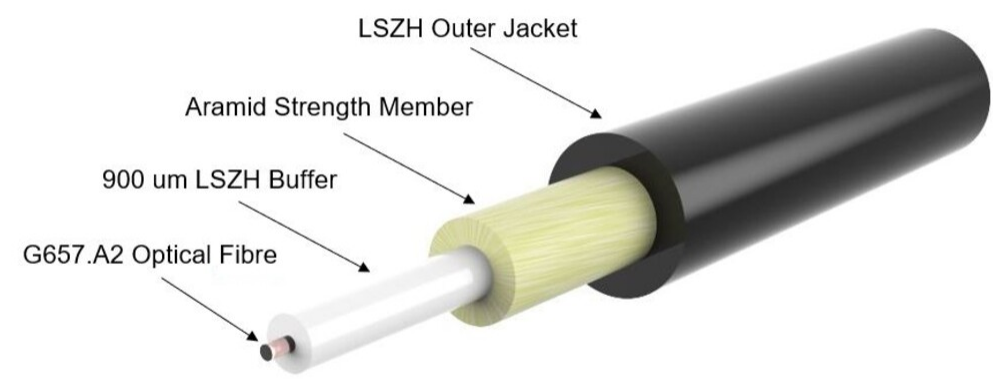
FID-SG-100M-01A-SG



Ordering Tree



Representative Image



Material Specifications

FID-SG-100M-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	0.99 kg 2.183 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-100M-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 $\geq 1.8\text{m}$.