8-2160969-1 | FID-SG-100M-01E-XX



Product Classification

Fiber Optic Indoor Drop Cable Assembly, SC/APC to Stub, 3mm, 100M

Regional Availability	EMEA
Product Type	Fiber drop cable assembly
Product Series	FID
General Specifications	
Cable Type	Stapleable - Round
Connector A, quantity	1
Color, boot A	Green
Color, connector A	Green
Interface, Connector A	SC/APC
Interface Feature, connector A	Male
Interface, Connector B	Unterminated
Jacket Color	lvory
Total Fibers, quantity	1
Dimensions	
Cable Assembly Length	100 m 328.084 ft
Cable Outer Diameter	3.0 mm (0.12 in)
Material Specifications	
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

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: January 3, 2024



|_ 8-2160969-1 FID-SG-100M-01E-XX

15 N/mm | 85.652 lb/in

Optical Specifications	
Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®
Insertion Loss, maximum, connector A	0.4 dB
Return Loss, minimum, connector A	65 dB
Environmental Specifications	
Installation temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Temperature	-5 °C to +60 °C (+23 °F to +140 °F)
Storage Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space	Indoor
Jacket UV Resistance	UV stabilized
Packaging and Weights	

Cable Crush Resistance, maximum

Cable weight	7.9 kg/km 5.309 lb/kft
Packaging quantity	1

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



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: January 3, 2024

COMMSCOPE°