OptiTap® 1F Single-Tube, OptiTap to OptiTap, Toneable, Gel-Filled Cable Assembly Single-mode (OS2), 300 ft

Part Number:
434301EB1TD300F-P

As an industry leader in optical connectivity products, Corning designs and manufactures the SST-Drop™ cable assembly with factory-terminated, environmentally sealed and hardened connectors to reduce the cost and the time of drop cable deployment in optical access networks. The OptiTap® single-fiber drop cable assembly is specifically designed to significantly reduce required drop cable installation.

Features and Benefits

Smaller profile and reduced bend-radius

Designed for rapid connection to external flush-mounted bulkhead adapters on terminals or closures

Robust design keeps connector intact during installation

Integral pulling eye/connector cap designed for 100 lb maximum pulling tension



OptiTap® 1 F Single-Tube, OptiTap to OptiTap, Toneable, Gel-Filled Cable Assembly, Single-mode (OS2), 300 ft

OptiTap® 1F Single-Tube, OptiTap to OptiTap, Toneable, Gel-Filled Cable Assembly Single-mode (OS2), 300 ft

Specifications

General Specifications	
Fiber Category	Single-mode (OS2)
Cable Assembly Type	Drop Assemblies
Application	Direct Buried, Aerial, Duct
Cable Type	SST-Drop™ toneable
Packaging	Individual Pack
Termination	Both ends

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	SST-Drop™ cable fully compliant with Telcordia GR-20 requirements
Design and Test Criteria	Telcordia GR-3120

Environmental Conditions	
Temperature Range, Operation	-40 °C to 70 °C (-40 °F to 158 °F)

Design	
Fiber Count	1
Fiber Type	Single-mode

Mechanical Specifications	
Cold Mate/Demate	-40 °C (-40 °F)
Cable Length	91 m (298.48 ft)
Axial Pull, Plug to Cable, Through the Dust Cap	100 lb in axial pull with load applied to the dust cap
Axial Pull Plug to Adapter Coupling Strength	222.41 lb

OptiTap® 1F Single-Tube, OptiTap to OptiTap, Toneable, Gel-Filled Cable Assembly Single-mode (OS2), 300 ft

CORNING

Specifications - Connector A	
Reflectance, Typical	-65 dB
Insertion Loss, Typical	≤ 0.15 dB
Connector Type	SC APC OptiTap® Connector

Specifications - Connector B	
Reflectance, Typical	-65 dB
Insertion Loss, Typical	≤ 0.15 dB
Connector Type	SC APC OptiTap® Connector

Shipping Dimensions	
Height	584 mm (22.99 in)
Width	152 mm (5.98 in)
Depth	584 mm (22.99 in)

Ordering Information	
Product Number	434301EB1TD300F-P
EAN Code	4056418196923
Weight	2.95 kg
Packaging Method	Box
Units per Delivery	1/1

RoHS COMPLIANT

Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2023 Corning Optical Communications. All rights reserved.