

OptiTap® 1F Single-Tube, OptiTap to OptiTap, Gel-Filled Cable Assembly Single-mode (OS2), 250 ft

CORNING

Part Number:
434301EB4FD250F-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, Gel-Filled Cable Assembly, Single-mode (OS2), 250 ft, individual packaging

OptiTap® 1F Single-Tube, OptiTap to OptiTap, Gel-Filled Cable Assembly Single-mode (OS2), 250 ft

CORNING

Specifications

General Specifications

Fiber Category	Single-mode (OS2)
Cable Assembly Type	Drop Assemblies
Cable Type	SST-Drop™ dielectric
Packaging	Individual Pack
Termination	Both ends
Installation Methods	Direct Buried, Aerial, Duct

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)
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	50 lbs

OptiTap® 1F Single-Tube, OptiTap to OptiTap, Gel-Filled Cable Assembly Single-mode (OS2), 250 ft

CORNING

Optical Characteristics

Fiber Code	E
Performance Option Code	01
Fiber Category	OS2
Fiber Type	Single-mode (OS2) / 250 µm
Fiber Name	Single-mode (OS2)
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Compliance	ITU-T G.652.D

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

Dimensions

Length	250 ft
Weight	2.49 kg

Ordering Information

Product Number	434301EB4FD250F-P
Packaging Method	Box
Shipping Height	76 mm (2.99 in)

OptiTap® 1F Single-Tube, OptiTap to OptiTap, Gel-Filled Cable Assembly Single-mode (OS2), 250 ft



Ordering Information	
Shipping Width	508 mm (20 in)
Shipping Depth	508 mm (20 in)
Units per Delivery	1/1



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. © 2026 Corning Optical Communications. All rights reserved.