

OptiTap® 1F Single-Tube, OptiTap to OptiTap, Gel-Filled Cable Assembly Single-mode (OS2), 100 ft

CORNING

Part Number:
434301EB4FD100F

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



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Specifications

General Specifications

Fiber Category	Single-mode (OS2)
Cable Assembly Type	Drop Assemblies
Cable Type	SST-Drop™ dielectric
Packaging	Bulk 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)
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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

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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	100 ft
Weight	1.13 kg

Ordering Information

Product Number	434301EB4FD100F
Packaging Method	Box
Shipping Height	508 mm (20 in)

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Ordering Information

Shipping Width	533 mm (20.98 in)
Shipping Depth	508 mm (20 in)
Units per Delivery	15/1



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