

# OptiTap® SST-Drop™ Cable Assembly, 1F, OptiTap to SC APC connector, Pulling grip, Gel-filled

Tuneable, 2.0 mm leg on simplex connector end, Single-mode (OS2), 25 ft, individual pack

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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



## Standards

**Approvals and Listings** SST-Drop™ cable fully compliant with Telcordia GR-20 requirements

**Design and Test Criteria** Telcordia GR-3120

## Specifications

### General Specifications

Application	Aerial, Direct Buried, Duct
Fiber Category	Single-mode (OS2)
Termination	Both ends
Product Type	Drop Assemblies
Packaging	Individual Packaging
Cable Type	SST-Drop™ tuneable

### Temperature Range

Operation	-40 °C to 70 °C (-40 °F to 158 °F)
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## Mechanical Characteristics

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 lb
Cold Mate/Demate	-40 °C mechanical testing
Weight	0.94 kg (0.63 lb)
Cable Length	7.62 m (25 ft)

## Design - Connector A

Connector Type	SC APC OptiTap® Connector
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## Optical Specifications - Connector A

Insertion Loss, Typical	≤ 0.15 dB
Reflectance, Typical	-65 dB

## Design - Connector B

Connector Type	SC APC Connector (simplex) on 2.0 mm Leg with Pulling Grip
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## Optical Specifications - Connector B

Insertion Loss, Typical	≤ 0.15 dB
Reflectance, Typical	-65 dB

## Furcation - Connector A

Leg Diameter	2.0 mm
Plug Type	Heat-shrink sleeve

## Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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## Fiber Specifications

Optical Characteristics (cabled)	
Fiber Type	Single-mode
Fiber Core Diameter	8.2 µm
Fiber Category	OS2
Fiber Code	E
Performance Option Code	01
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.65 dB/km / 0.65 dB/km / 0.5 dB/km
Serial 1 Gigabit Ethernet	5000 m / - / -
Serial 10 Gigabit Ethernet	10000 m / - / 40000 m

\* ITU-T G.652 D compliant.

\* Meets 0.75 ns optical skew when used in all Corning Plug and Play™/EDGE™ systems solutions.

Notes: 1) Improved attenuation and bandwidth options available.  
2) Bend-insensitive single-mode fibers available on request.  
3) Contact a Corning Customer Care Representative for additional information.

## Ordering Information

Part Number	434401EBPTS025F-P
Product Description	OptiTap® SST-Drop™ Cable Assembly, 1 F, OptiTap to SC APC connector, Pulling grip, Gel-filled, Toneable, 2.0 mm leg on simplex connector end, Single-mode (OS2), 25 ft, individual pack
EAN Code	4056418608129

## Shipping Information

Units per Delivery	1/1
Packaging Dimensions (L x H x W)	508 mm x 76 mm x 508 mm (20 in x 3 in x 20 in)
Packaging Method	Box



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [www.corning.com/opcomm](http://www.corning.com/opcomm)

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