

# OptiTap® SST-Drop™ Indoor/Outdoor Cable Assembly, OptiTap to stub end, 1F, Dielectric, Gel-Free Bend-insensitive Single-mode (OS2), 25 ft, bulk pack

CORNING

**Part Number:**  
**004301UB4FD025F**

Corning indoor/outdoor SST-Drop™ with OptiTap® cable assemblies provide the simple installation offered by standard SST-Drop cables, which are designed for rugged outdoor environments, and compact drop cables, which are designed for challenging indoor environments where bend-tolerance is a concern. The design features a gel-free, fully waterblocked, UV-resistant 2.9 mm riser-rated (OFNR) drop cable centered inside a traditional SST-Drop dielectric cable.

Designed to meet industry-standard requirements for indoor and outdoor drop cables, the product eliminates the need for termination to transition from the outdoor environment to an indoor ONT. This dielectric version eliminates any bonding and grounding requirements and is suitable for aerial, direct buried and duct installation. A toneable version is also available.

## Features and Benefits

### OptiTap® connector technology

Industry standard for existing FTTx installations

### Robust design keeps connector intact during installation

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

### Flexible connector offerings

OptiTap® Connector SC APC or pigtailed versions to accommodate any ONT interface

### Indoor/outdoor compact drop cable in standard SST-Drop cable design

Eliminates need for transition in indoor ONT



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## Specifications

| General Specifications |                                     |
|------------------------|-------------------------------------|
| Fiber Category         | Bend-insensitive SM (OS2)           |
| Cable Assembly Type    | Drop Assemblies                     |
| Environment            | Indoor/Outdoor                      |
| Cable Type             | SST-Drop™ Indoor/Outdoor Dielectric |
| Packaging              | Bulk Pack                           |
| Termination            | One end                             |
| 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   |

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| Optical Characteristics        |                                    |
|--------------------------------|------------------------------------|
| Fiber Code                     | U                                  |
| Performance Option Code        | 01                                 |
| Fiber Category                 | OS2                                |
| Fiber Type                     | Single-mode (OS2) / 250 µm         |
| Fiber Name                     | ClearCurve® ZBL                    |
| Maximum Attenuation            | 0.4 dB/km / 0.4 dB/km / 0.30 dB/km |
| Wavelengths                    | 1310 nm / 1383 nm / 1550 nm        |
| Fiber Compliance               | ITU-T G.652.D and ITU-T G.657.B3   |
| Fiber Core Diameter            | 8.2 µm                             |
| Cladding diameter              | 125 µm                             |
| Coating diameter               | 242 µm                             |
| Dispersion @ 1550 nm           | ≤ 18 [ps/(nm*km)]                  |
| Dispersion @ 1625 nm           | ≤ 23 [ps/(nm*km)]                  |
| Cable cutoff wavelength        | 1260 nm                            |
| Mode-Field Diameter at 1310 nm | 8.6 µm                             |
| Mode-Field Diameter at 1550 nm | 9.65 µm                            |

| Specifications - Connector A |              |
|------------------------------|--------------|
| Reflectance, Typical         | -65 dB       |
| Connector Type               | No connector |

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

| Dimensions |       |
|------------|-------|
| Length     | 25 ft |

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## Dimensions

|        |         |
|--------|---------|
| Weight | 0.82 kg |
|--------|---------|

## Ordering Information

|                    |                   |
|--------------------|-------------------|
| Product Number     | 004301UB4FD025F   |
| Packaging Method   | Box               |
| Shipping Height    | 508 mm (20 in)    |
| Shipping Width     | 533 mm (20.98 in) |
| Shipping Depth     | 508 mm (20 in)    |
| Units per Delivery | 40/1              |



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