

SST-Drop™ Indoor/Outdoor, Gel-Free Cable, Toneable

1 F, Bend-insensitive Single-mode (OS2)

CORNING

Corning SST-Drop™ indoor/outdoor toneable cables provide the simple installation offered by standard SST-Drop cables designed for rugged outdoor environments and compact drop cables designed for challenging indoor bend environments. The design features a gel-free, fully waterblocked, UV-resistant 2.9 mm riser-rated (OFNR) drop cable centered inside a traditional SST-Drop toneable cable. Designed to meet industry-standard requirements for outdoor and indoor drop cables, the product eliminates the need for termination to transition from the outdoor environment to an indoor ONT. The toneable version can be clearly detected in underground installations with a toning conductor that can be easily separated.

The product is available in convenient contractor-sized packaging for easy field deployment and features bend-insensitive single-mode fiber, which enables installers to route the subunit around tight corners down to 5 mm (0.2 in) radius inside the home.

Features and Benefits

2.9 mm FRNC/LSZH subunit in a rugged outdoor cable

Eliminates need for termination transition in indoor ONT

Crush resistance

Fiber protection and signal integrity

UV-resistant, flame-retardant inner jacket

Rugged, durable and easy to strip

Toneable version

Underground detection

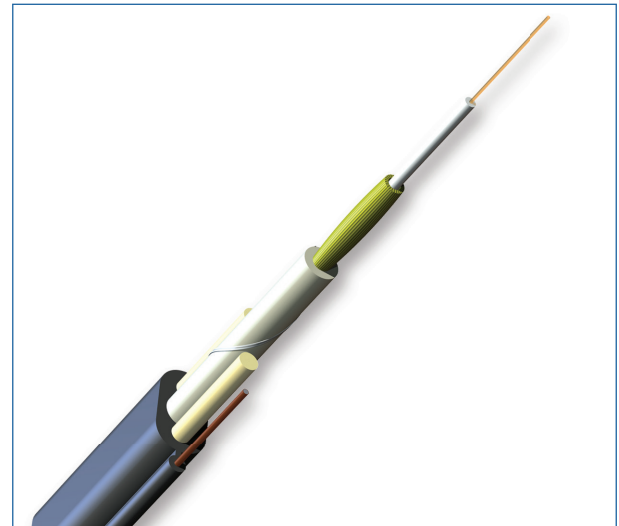
Small subunit diameter and bend-radius

Easy installation in space-constrained areas

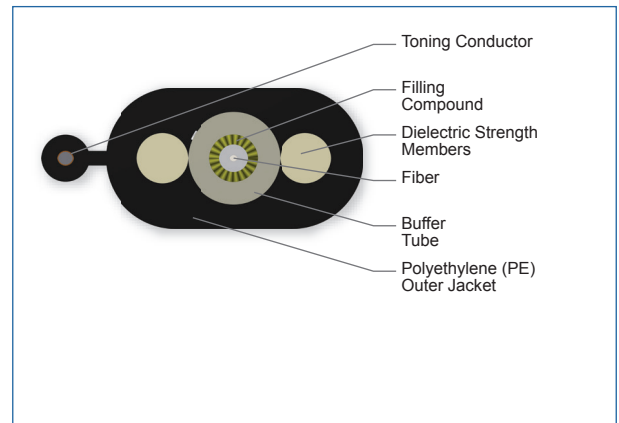
Standards

Approvals and Listings Compact Drop listed to National Electrical Code® (NEC®) OFNR, FT-4

Design and Test Criteria ANSI/ICEA S-110-717, Telcordia GR-20-CORE, Telcordia GR-409-CORE



Part Number: 001UB1-14101-F9



Cross Section of Part Number: 001UB1-14101-F9

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Specifications

General Specifications

Environment	Indoor/Outdoor Cables
Application	Self-Supporting, Aerial, Direct Buried, Duct / Horizontal, (Vertical Riser)
Cable Type	Drop
Fiber Category	Bend-insensitive Single-mode (OS2)

Temperature Range

Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	-30 °C to 70 °C (-22 °F to 158 °F)
Operation	-40 °C to 70 °C (-40 °F to 158 °F)

Cable Design

Fiber Count	1
Tight Buffer Color	White
Subunit Diameter	2.9 mm
Subunit Color	Natural
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Outer Jacket Material	Polyethylene (PE)
Outer Jacket Color	Black

Mechanical Characteristics Cable

Max. Tensile Strength, Short-Term	1350 N (300 lbf)
Max. Tensile Strength, Long-Term	400 N (90 lbf)
Weight	35 kg/km (24 lb/1000 ft)
Nominal Outer Diameter	10.1 mm x 4.5 mm (0.39 in x 0.17 in)
Outer Cable Minimum Bend-Radius Operation	80 mm (3.15 in)
Inner Cable Minimum Bend-Radius Operation	5 mm (0.2 in)
Min. Bend Radius Operation	80 mm (3.15 in)

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Fiber Specifications

Optical Characteristics (cabled)	
Fiber Name	ClearCurve® ZBL
Fiber Category	G.657.B3/G.652.D
Fiber Code	U
Performance Option Code	01
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Typical Attenuation*	0.35 dB/km / 0.35 dB/km / 0.20 dB/km

* For more information on typical attenuation please see the Corning whitepaper at http://csmedia.corning.com/opcomm//Resource_Documents/whitepapers_r/ LAN-1863-AEN.pdf

Ordering Information

Part Number	001UB1-14101-F9
Product Description	SST-Drop™ Indoor/Outdoor, Gel-Free Cable, Toneable, 1 F, Bend-insensitive Single-mode (OS2)
EAN Code	4056418148120

Shipping Information

Convenient Contractor-sized Packaging Length	609.6 m gross weight 72 lbs; no specialized equipment needed (2,000 ft gross weight 72 lbs; no specialized equipment needed)
Traditional Bulk Packaging	up to 5000 m typically require reel payoff equipment



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