

# SST-Drop™ Single-Tube, Gel-Filled Cable

12 F, 62.5 µm multimode (OM1)

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Corning Cable Systems SST-Drop™ Dielectric Cables offer the ease of installation of standard ALTOS® Cables in an easy-access, single-tube design. The dielectric version eliminates any bonding and grounding requirements. The cables are RDUP (RUS) Listed and offer exceptional crush resistance.

## Features and Benefits

### Standard ALTOS® Cable tube design in single-tube design

Standard practices and hardware compatibility

### Crush resistance

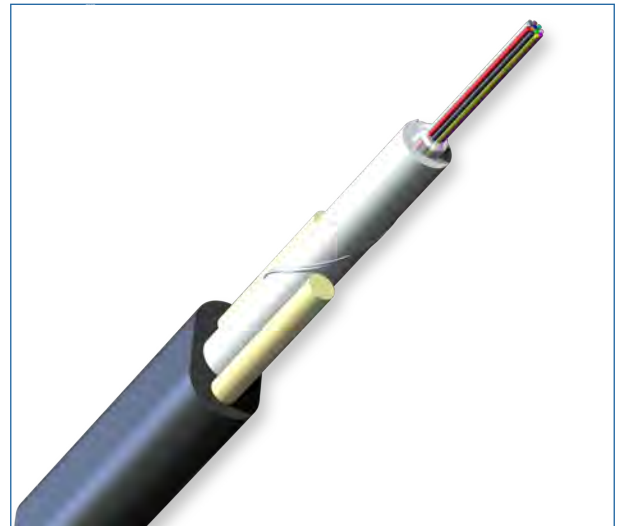
Fiber protection and signal integrity

### RDUP (RUS) Listed

Material acceptability

### Dielectric

Eliminates bonding and grounding requirements

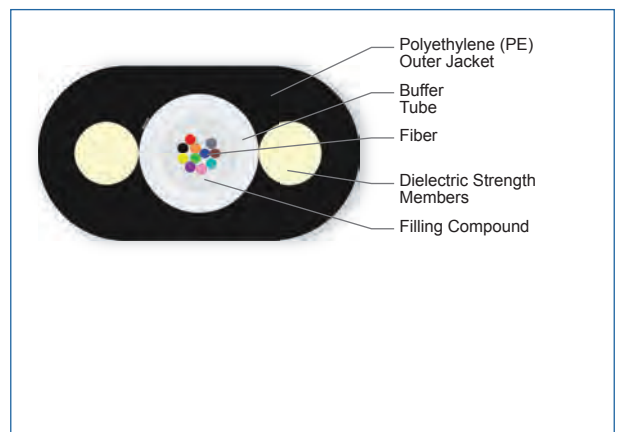


Part Number: 012KB4-14130A20

## Standards

### Approval and Listings

USDA Rural Development Programs



Cross Section of Part Number: 012KB4-14130A20

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## Specifications

### General Specifications

Environment	Outdoor
Application	Self-Supporting
Cable Type	Drop
Product Type	Self-Supporting
Fiber Category	62.5 µm MM (OM1)

### 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	12
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Buffer Tube Diameter	3 mm (0.12 in)
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Outer Jacket Material	Polyethylene (PE)
Outer Jacket Color	Black
Buffer Tube Color Coding	Natural

### Mechanical Characteristics Cable

Max. Tensile Strengths, Short-Term	1350 N (300 lbf)
Max. Tensile Strengths, Long-Term	400 N (90 lbf)
Weight	30 kg/km (20 lb/1000 ft)
Nominal Outer Diameter	8.1 mm x 4.5 mm (0.32 in x 0.17 in)
Min. Bend Radius Operation	80 mm (3.15 in)

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## Chemical Characteristics

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

### Optical Characteristics (cabled)

Fiber Type	Multimode
Fiber Core Diameter	62.5 µm
Fiber Category	OM1
Fiber Code	K
Performance Option Code	30
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	3.4 dB/km / 1.0 dB/km
Min. Overfilled Launch (OFL) Bandwidth	200 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	220 MHz*km / -
Serial 1 Gigabit Ethernet	300 m / 550 m
Serial 10 Gigabit Ethernet	33 m / -

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

## Ordering Information

Part Number	012KB4-14130A20
Product Description	SST-Drop™ Single-Tube, Gel-Filled Cable, 12 F, 62.5 µm multimode (OM1)

## Shipping Information

Convenient Contractor-sized Packaging Length	609.6 m gross weight 65 lbs; no specialized equipment needed (2,000 ft gross weight 65 lbs; no specialized equipment needed)
Traditional Bulk Packaging	up to 12100 m typically require reel payoff equipment; up to 40000 ft typically require reel payoff equipment

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## Notes



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