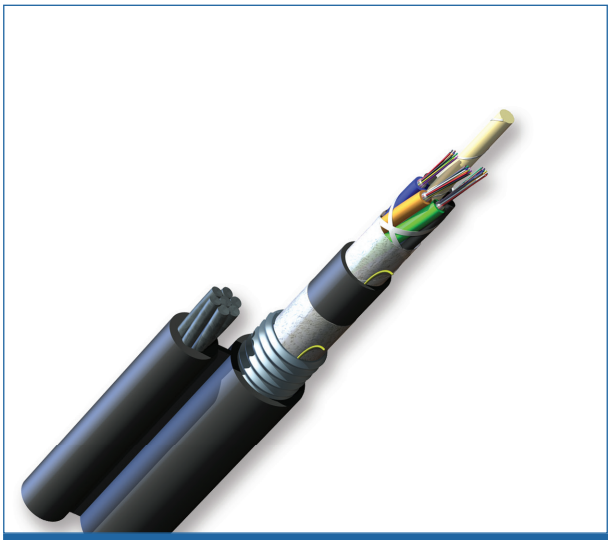
ALTOS® Figure-8 Loose Tube, Gel-Filled, Armored Cable

36 F, Single-mode (OS2)

CORNING

Corning ALTOS® figure-8 gel-filled cables are self-supporting aerial cables designed for easy and economical one-step installation. The loose tube design provides stable performance over a wide temperature range and is compatible with any telecommunications-grade optical fiber. While the flexible, craft-friendly buffer tubes are easy to route in closures, the SZ-stranded, loose tube design isolates optical fibers from installation and environmental rigors and facilitates midspan access. The figure-8 cable design allows easy, one-step installation, using standard hardware and installation methods. These cables have a medium density polyethylene jacket that is rugged, durable and easy to strip.



Part Number: 036EUB-T4101A20

Features and Benefits

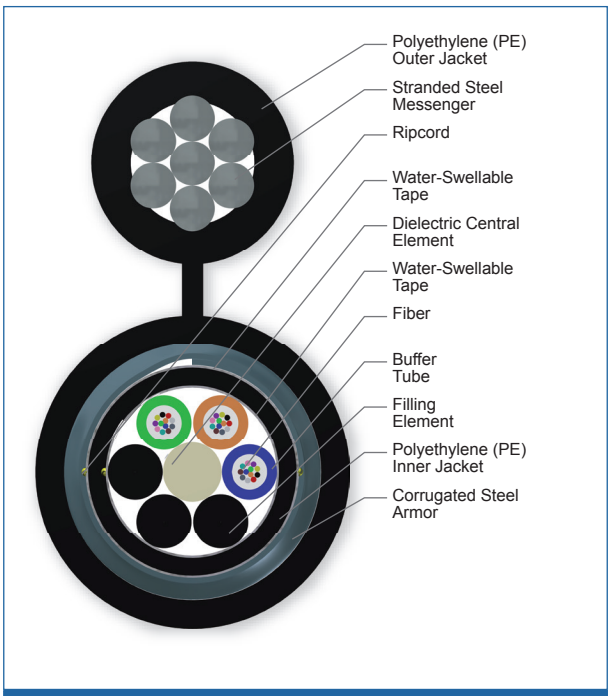
Figure-8 cable design
Easy, one-step installation

Innovative waterblocking design
Provides efficient and craft-friendly cable preparation

Medium-density polyethylene jacket
Rugged, durable and easy to strip (while providing superior protection against UV radiation, fungus, abrasion and other environmental factors)

Standards

Approvals and Listings	RDUP 7 CFR 1755.900 (formerly RUS)
Common Installations	Outdoor self-supporting aerial
Design and Test Criteria	ANSI/ICEA S-87-640



Cross Section of Part Number: 036EUB-T4101A20

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Specifications

General Specifications	
Environment	Outdoor
Application	Aerial, Self-Supporting
Cable Type	Loose Tube
Product Type	Self-Supporting
Fiber Category	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	
Central Element	Dielectric
Fiber Count	36
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Fibers per Tube	12
Number of Tube Positions	6
Number of Active Tubes	3
Buffer Tube Color Coding	Blue, Orange, Green
Buffer Tube Diameter	2.5 mm (0.1 in)
Number of Filling Elements	3
Tape	Water-swellable
Inner Jacket Material	Polyethylene (PE)
Number of Ripcords	3
Tensile Strength Elements and/or Armoring - Layer 1	Corrugated steel tape armor
Outer Jacket Material	Polyethylene (PE)
Outer Jacket Color	Black
Messenger	Stranded steel

Mechanical Characteristics Cable	
Weight	403 kg/km (270 lb/1000 ft)
Nominal Outer Diameter	14.3 mm (0.56 in)

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Mechanical Characteristics Cable	
Nominal Cable Height	25.9 mm (1.02 in)
Min. Bend Radius Installation	215 mm (8.4 in)
Min. Bend Radius Operation	143 mm (5.6 in)

Maximum Span with One-Percent Installation Sag	
Maximum Span with 1% Installation Sag, NESC Light	189 m (620 ft)
Maximum Span with 1% Installation Sag, NESC Medium	189 m (620 ft)
Maximum Span with 1% Installation Sag, NESC Heavy	140 m (460 ft)

Fiber Specifications

Optical Characteristics (cabled)	
Fiber Name	Single-mode (OS2)
Fiber Category	G.652.D
Fiber Code	E
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

Ordering Information

Part Number	036EUB-T4101A20
Product Description	ALTOS® Figure-8 Loose Tube, Gel-Filled, Armored Cable, 36 F, Single-mode (OS2)
EAN Code	4056418160665

RoHS COMPLIANT

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