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

60 F, 62.5 µm multimode (OM1)

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.

Features and Benefits

Figure-8 cable design
Easy, one-step installation

Innovative waterblocking design
Provides efficient and craft-friendly cable preparation
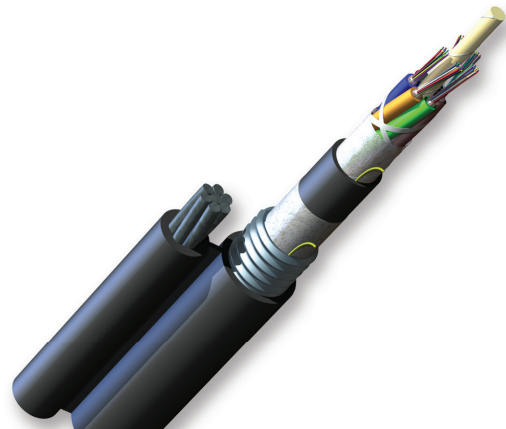
Medium-density polyethylene jacket
Rugged, durable and easy to strip (while providing superior protection against UV radiation, fungus, abrasion and other environmental factors)
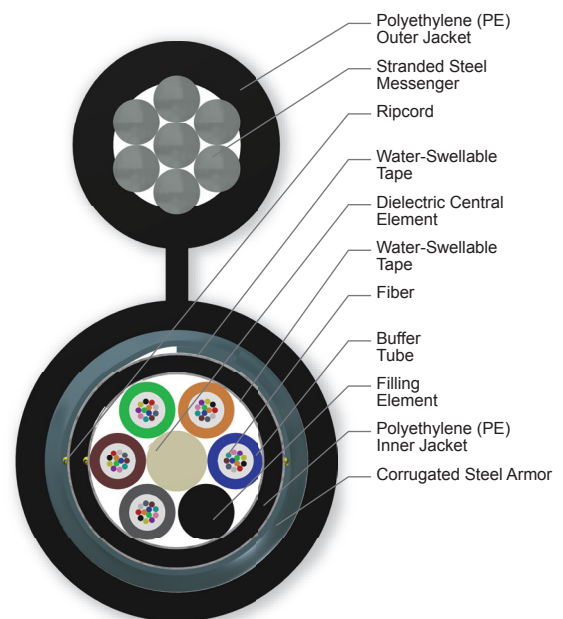
Standards

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

Part Number: 060KUB-T4130A20

- Polyethylene (PE) Outer Jacket
- Stranded Steel Messenger
- Ripcord
- Water-Swellable Tape
- Dielectric Central Element
- Water-Swellable Tape
- Fiber
- Buffer Tube
- Filling Element
- Polyethylene (PE) Inner Jacket
- Corrugated Steel Armor

Cross Section of Part Number: 060KUB-T4130A20

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Specifications

General Specifications	
Environment	Outdoor
Application	Aerial, Self-Supporting
Cable Type	Loose Tube
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	
Central Element	Dielectric
Fiber Count	60
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	5
Buffer Tube Color Coding	Blue, Orange, Green, Brown, Slate
Buffer Tube Diameter	2.5 mm (0.1 in)
Number of Filling Elements	1
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 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
Serial 1 Gigabit Ethernet	300 m / 550 m
Serial 10 Gigabit Ethernet	33 m / -
Min. Overfilled Launch (OFL) Bandwidth	200 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	220 MHz*km / -

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	060KUB-T4130A20
Product Description	ALTOS® Figure-8 Loose Tube, Gel-Filled, Armored Cable, 60 F, 62.5 µm multimode (OM1)
EAN Code	4056418158921

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Notes

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