

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

60 fibres, 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.

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

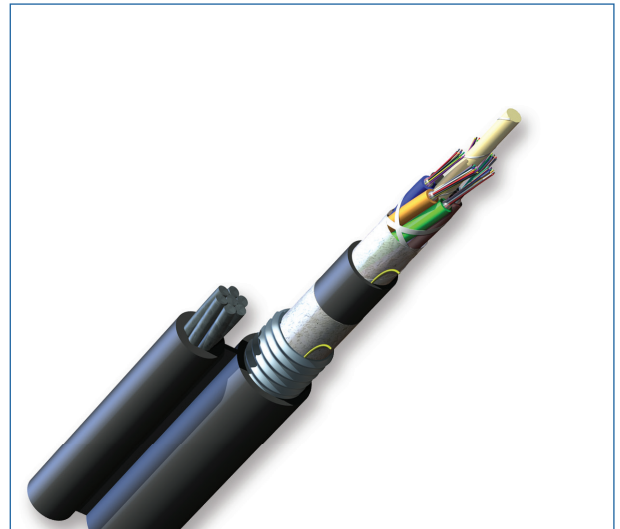
Rugged, durable and easy to strip while providing superior protection against UV radiation, fungus, abrasion and other environmental factors

Standards

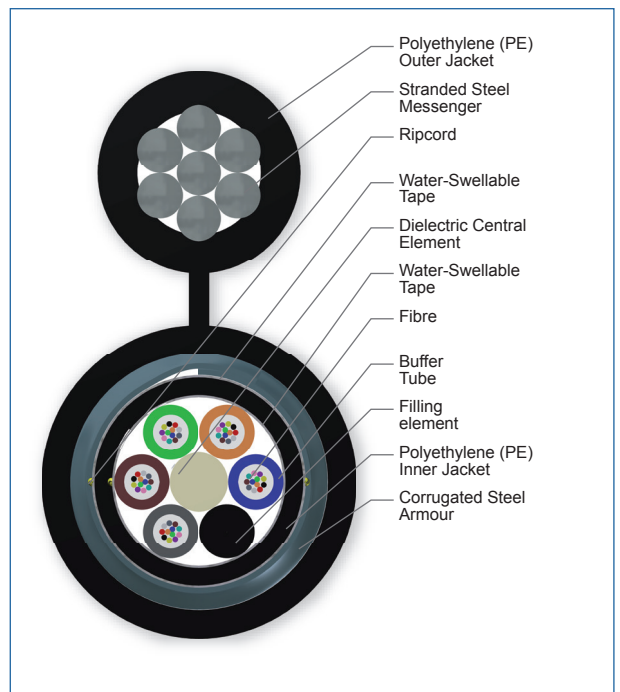
Approvals and Listings	RDUP 7 CFR 1755.900 (formerly RUS)
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Common Installations	Outdoor self-supporting aerial
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Design And Test Criteria	ANSI/ICEA S-87-640
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Part Number: 060EUB-T4101A20



Cross Section of Order Number: 060EUB-T4101A20

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Specifications

General Specifications

Environment	Outdoor
Application	Aerial, Self-Supporting
Cable type	Loose Tube
Product type	Self-Supporting
Fibre Category	single-mode (OS2)

Temperature Range

Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation and assembly	-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
Fibre Count	60
Fibre colouring	Blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, turquoise
Fibres per tube	12
Number of Tube Positions	6
Number of Active Tubes	5
Buffer tube colour coding	Blue, orange, green, brown, grey
Buffer tube diameter	2.5 mm (0.1 in)
Number of filling elements	1
Tape	Water-swellaable
Inner Jacket Material	Polyethylene (PE)
Number of ripcords	3
Tensile Strength Elements and/or Armouring - Layer 1	Corrugated steel tape armour
Outer jacket material	Polyethylene (PE)
Outer jacket colour	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)

Ordering Information

Part Number	060EUB-T4101A20
Product Description	ALTOS® Figure-8 Loose Tube, Gel-Filled, Armoured Cable, 60 F, Single-mode (OS2)
EAN Code	4056418159102



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