

ALTOS® Loose Tube, Gel-Filled Cable

360 F, Single-mode (OS2)

CORNING

Corning ALTOS® all-dielectric cables are lightweight cables designed for duct and aerial (lashed) installation. The loose tube design provides stable performance over a wide temperature range and is compatible with any telecommunications-grade optical fiber.

Features and Benefits

Flexible, craft-friendly buffer tubes
Facilitate easy routing in closures

SZ-stranded, loose tube design
Isolates fibers from installation and environmental rigors and facilitates mid-span access

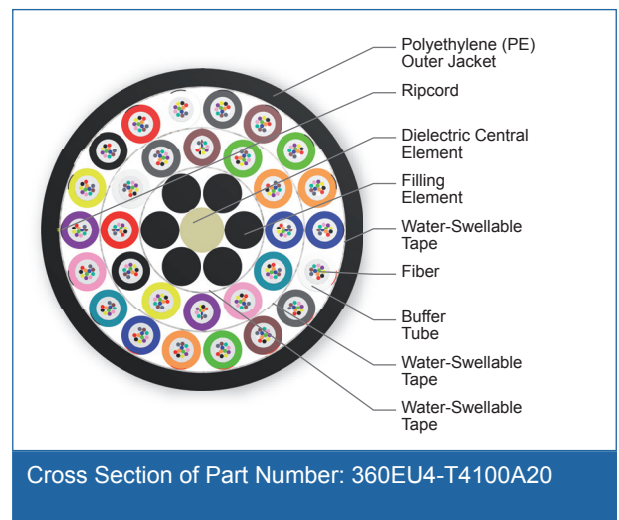
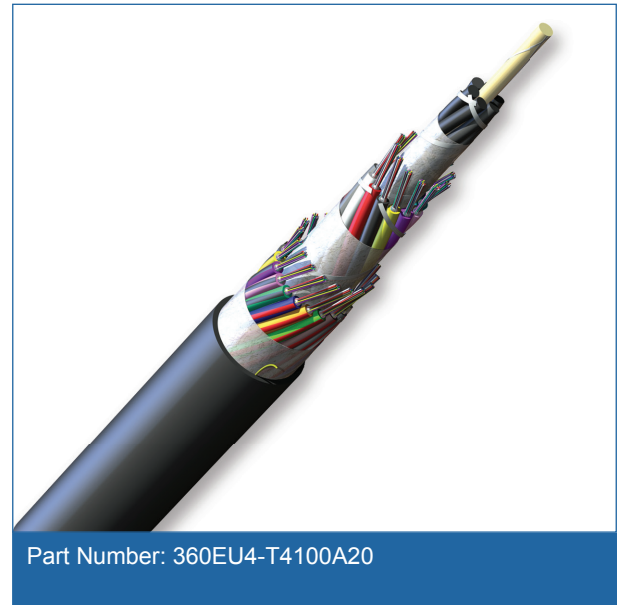
Dielectric central strength member
No preferential bend and requires no bonding or grounding

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 USDA Rural Development Programs

Design and Test Criteria Telcordia GR-20, ICEA-640



ALTOS® Loose Tube, Gel-Filled Cable

360 F, Single-mode (OS2)

CORNING

Specifications

General Specifications

Environment	Outdoor
Application	Aerial, Duct
Cable Type	Loose Tube
Product Type	Dielectric
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	360
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Fibers per Tube	12
Number of Tube Positions	36
Number of Active Tubes	30
Buffer Tube Color Coding, Layer 1	6 Fillers
Buffer Tube Diameter	2.5 mm (0.1 in)
Number of Filling Elements	6
Tape	Water-swellaable
Buffer Tube Color Coding, Layer 2	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Tape, Layer 2	Water-swellaable
Buffer Tube Color Coding, Layer 3	Blue*, Orange*, Green*, Brown*, Slate*, White*, Red*, Black*, Yellow*, Violet*, Rose*, Aqua*, Blue**, Orange**, Green**, Brown**, Slate**, White**
Tape, Layer 3	Water-swellaable
Number of Ripcords	1
Outer Jacket Material	Polyethylene (PE)

Notes: Tubes 13 to 24 include a co-extruded stripe that is white for the black tube and black for all other tube colors.

Notes: Tubes 25 to 36 include a co-extruded stripe that is white for the red tube and red for all other tube colors.

CORNING

ALTOS® Loose Tube, Gel-Filled Cable

360 F, Single-mode (OS2)

CORNING

Cable Design

Outer Jacket Color	Black
Maximum Fibers per Tube	12

Notes: Tubes 13 to 24 include a co-extruded stripe that is white for the black tube and black for all other tube colors.

Notes: Tubes 25 to 36 include a co-extruded stripe that is white for the red tube and red for all other tube colors.

Mechanical Characteristics Cable

Max. Tensile Strength, Short-Term	2700 N (600 lbf)
Max. Tensile Strength, Long-Term	890 N (200 lbf)
Weight	288 kg/km (194 lb/1000 ft)
Nominal Outer Diameter	21.2 mm (0.83 in)
Min. Bend Radius Installation	318 mm (12.5 in)
Min. Bend Radius Operation	212 mm (8.3 in)

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
------	---

Fiber Specifications

Optical Characteristics (cabled)

Fiber Name	Single-mode (OS2)
Fiber Category	G.652.D
Fiber Code	E
Performance Option Code	00
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.35 dB/km / 0.35 dB/km / 0.25 dB/km

CORNING

ALTOS® Loose Tube, Gel-Filled Cable

360 F, Single-mode (OS2)

CORNING

Ordering Information

Part Number	360EU4-T4100A20
Product Description	ALTOS® Loose Tube, Gel-Filled Cable, 360 F, Single-mode (OS2)
EAN Code	4056418149233



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks.

All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified.

© 2016 Corning Optical Communications. All rights reserved.

CORNING