

ALTOS® Gel-Free, Triple-Jacket, Double-Armoured Cables, 12-216 Fibres, Enhanced

36 fibres, 62.5 µm multimode (OM1)

CORNING

Corning ALTOS® gel-free triple-jacket, double-armoured cables are rugged, armored cables designed for direct-buried installations. The loose tube design provides stable performance over a wide temperature range and is compatible with any telecommunications-grade optical fibre.

Features and Benefits

Three jacket layers and two steel tape armour layers

Provide superior rodent resistance for direct-buried applications

Flexible, craft-friendly buffer tubes

Facilitate easy routing in closures

Gel-free waterblocking technology

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

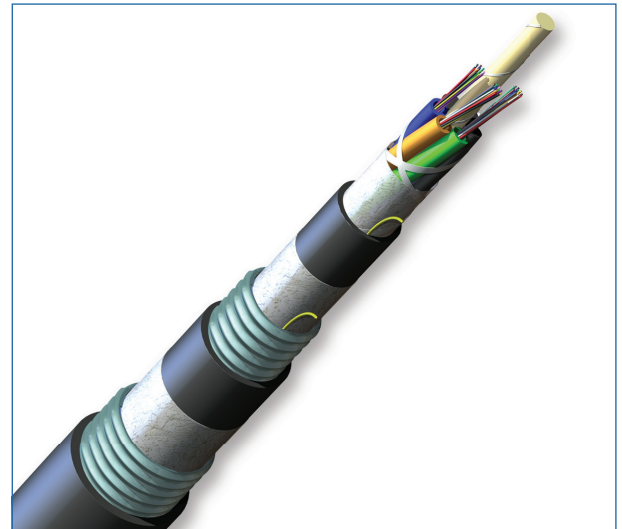
Exceeds the RDUP requirements for mid-span buffer tube slack storage

Provides flexibility for mid-span access applications

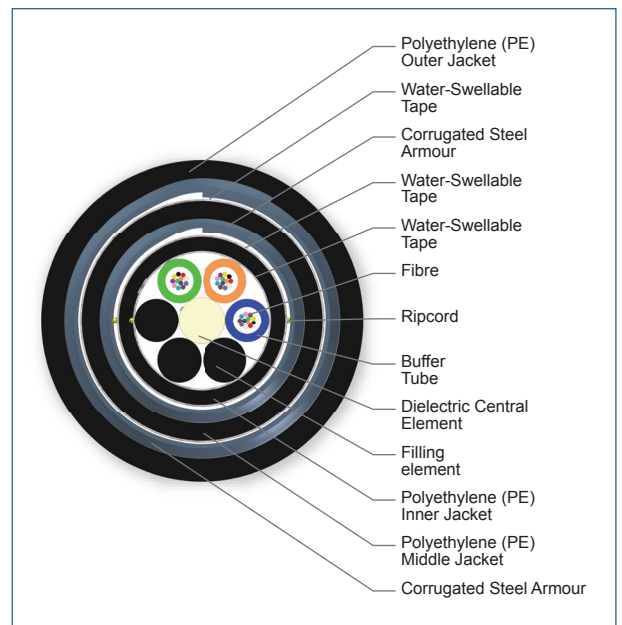
Standards

Approvals and Listings	USDA Rural Development Programs
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Design And Test Criteria	ANSI/ICEA S-87-640
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Part Number: 036KU6-T4130D20



Cross Section of Order Number: 036KU6-T4130D20

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Specifications

General Specifications

Environment	Outdoor
Application	Direct Buried
Cable type	Loose Tube
Product type	Armoured
Fibre Category	62.5 µm MM (OM1)

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	36
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	3
Buffer tube colour coding	Blue, orange, green
Buffer tube diameter	2.5 mm (0.1 in)
Tape	Water-swellaable
Number of filling elements	3
Inner Jacket Material	Polyethylene (PE)
Tape, Layer 2	Water-swellaable
Tensile Strength Elements and/or Armouring - Layer 1	Corrugated steel tape armour
Intermediate jacket material	Polyethylene (PE)
Tape, Layer 3	Water-swellaable
Number of ripcords	5
Tensile strength elements and/or armouring - Layer 2	Corrugated steel tape armour
Outer jacket material	Polyethylene (PE)
Outer jacket colour	black
Maximum Fibres per Tube	12

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Mechanical Characteristics Cable

Max. tensile strength, short-term	2700 N (600 lbf)
Max. Tensile Strength, Long-Term	890 N (200 lbf)
Weight	310 kg/km (208 lb/1000 ft)
Nominal Outer Diameter	18.3 mm (0.72 in)
Min. Bend Radius Installation	275 mm (10.8 in)
Min. Bend Radius Operation	183 mm (7.2 in)

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Ordering Information

Part Number	036KU6-T4130D20
Product Description	ALTOS® Loose Tube, Gel-Free, Triple-Jacket, Double-Armoured Cable, 36 fibre, 62.5 µm multimode (OM1)



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