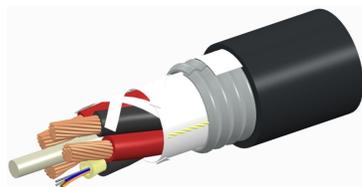


# 760235002 | HTC-36SM-1812-APVA



## HELIAX® Hybrid Cable, UL Type TC-OF-ER

### Product Classification

**Regional Availability**

Asia | Australia/New Zealand | EMEA | Latin America | North America

**Portfolio**

CommScope®

**Product Type**

Hybrid cable, copper and fiber

**Product Brand**

HELIAX®

### General Specifications

**Application**

Remote radio head

**Cable Type**

Wireless feeder

**Conductors, quantity**

18

**Construction Type**

Shielded

**Fiber Short Description**

RFF – 12AWG

**Fiber Type, quantity**

36

**Fibers per Subunit, quantity**

12

**Inner Shield (Tape) Material**

Corrugated aluminum

**Jacket Color**

Black

**Outer Shield (Tape) Material**

PVC

**Strength Members**

Glass reinforced plastic rod

**Subunit, quantity**

3

**Total Fiber Count**

36

**Water Blocking Method**

Water blocking tape(s) | Water blocking threads

### Dimensions

**Buffer Tube/Subunit Diameter**

3.048 mm | 0.12 in

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**Diameter Over Jacket** 24.638 mm | 0.97 in

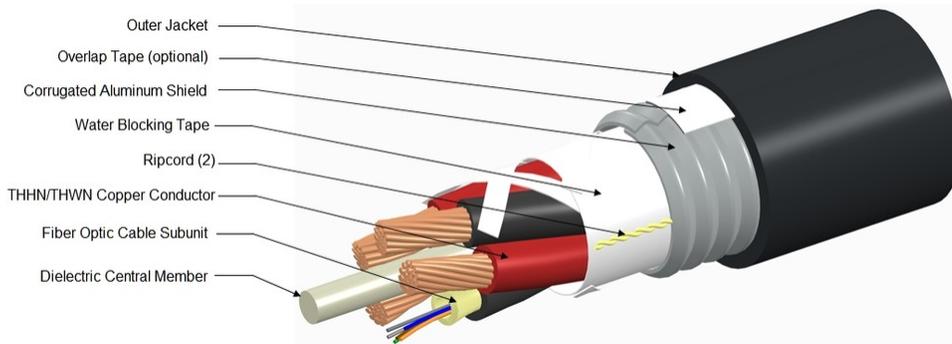
**Conductor Gauge** 12 AWG

## Electrical Specifications

**dc Resistance Note** Maximum value based on a standard condition of 20 °C (68 °F)

**dc Resistance, maximum** 5.413 ohms/km | 1.65 ohms/kft

## Representative Image



## Material Specifications

**Ripcord Material** Para-aramid synthetic fiber

## Mechanical Specifications

**Minimum Bend Radius, multiple bends, loaded** 495.3 mm | 19.5 in

**Minimum Bend Radius, multiple bends, unloaded** 297.18 mm | 11.7 in

**Minimum Bend Radius, single bend, unloaded** 172.72 mm | 6.8 in

**Tensile Load, long term, maximum** 2,668.932 N | 600 lbf

**Tensile Load, short term, maximum** 800.68 N | 180 lbf

**Compression** 2.25 kg/mm | 126 lb/in

**Compression Test Method** FOTP-41

**Flex** 25 cycles

**Flex Test Method** FOTP-104

**Impact** 2.17 ft lb | 2.942 N-m

**Impact Test Method** FOTP-25

**Twist** 10 cycles

**Twist Test Method** FOTP-85

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## Optical Specifications

**Fiber Type** G.657.A2/B2 | OM2+, LazrSPEED® 150

## Environmental Specifications

**Installation temperature** -30 °C to +70 °C (-22 °F to +158 °F)  
**Operating Temperature** -40 °C to +80 °C (-40 °F to +176 °F)  
**Storage Temperature** -40 °C to +80 °C (-40 °F to +176 °F)  
**Cable Qualification Standards** ANSI/ICEA S-87-640 | Telcordia GR-20 | Telcordia GR-409  
**Environmental Space** Wireless installation  
**Jacket UV Resistance** UV stabilized

## Packaging and Weights

**Cable weight** 805.097 kg/km | 541 lb/kft

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant



## Included Products

CS-5M-MP – LazrSPEED® 150 OM2+ Bend-Insensitive Multimode Fiber

## \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable