

HELIAX® LazrSPEED® 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® | LazrSPEED®

## General Specifications

### Application

Remote radio head

### Cable Type

Wireless feeder

### Conductors, quantity

2

### Construction Type

Shielded

### Fiber Short Description

RFF – 12AWG

### Fiber Type, quantity

4

### Fibers per Subunit, quantity

2

### Inner Shield (Tape) Material

Corrugated aluminum

### Jacket Color

Black

### Outer Shield (Tape) Material

PVC

### Strength Members

Glass reinforced plastic rod

### Subunit, quantity

2

### Total Fiber Count

4

### Water Blocking Method

Water blocking tape(s) | Water blocking threads

## Dimensions

### Buffer Tube/Subunit Diameter

3.048 mm | 0.12 in

# 760191353 | HTC-4MM-212-APV

**Diameter Over Jacket** 14.224 mm | 0.56 in

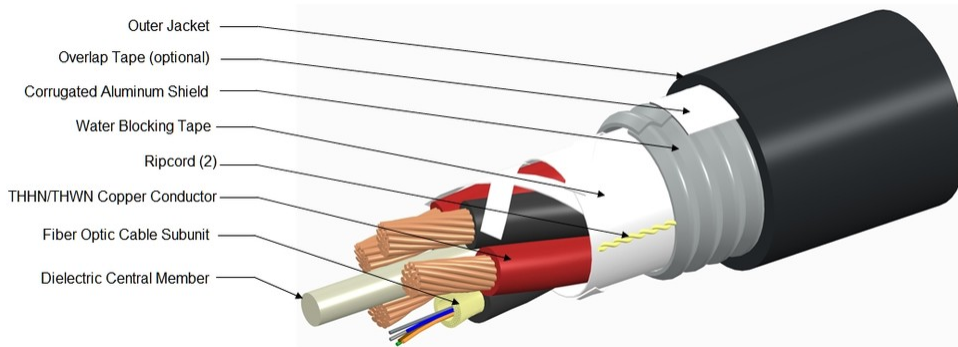
**Conductor Gauge** 12 AWG

## 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** 284.48 mm | 11.2 in

**Minimum Bend Radius, multiple bends, unloaded** 142.24 mm | 5.6 in

**Minimum Bend Radius, single bend, unloaded** 99.06 mm | 3.9 in

**Tensile Load, long term, maximum** 266.893 N | 60 lbf

**Tensile Load, short term, maximum** 889.644 N | 200 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** OM2+, LazrSPEED® 150 | 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

## Packaging and Weights

**Cable weight** 239.594 kg/km | 161 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