

## HELIAX® LazrSPEED® Hybrid Cable

### Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Hybrid cable, copper and fiber
<b>Product Brand</b>	HELIAX®   LazrSPEED®

### General Specifications

<b>Application</b>	Remote radio head
<b>Cable Type</b>	Wireless feeder
<b>Conductors, quantity</b>	12
<b>Construction Type</b>	Shielded
<b>Fiber Short Description</b>	RFF – 10AWG
<b>Inner Shield (Tape) Material</b>	Corrugated aluminum
<b>Jacket Color</b>	Black
<b>Outer Shield (Tape) Material</b>	PVC
<b>Strength Members</b>	Glass reinforced plastic rod
<b>Subunit, quantity</b>	2
<b>Fibers per Subunit, quantity</b>	2
<b>Total Fiber Count</b>	24
<b>Water Blocking Method</b>	Water blocking tape(s)   Water blocking threads

### Dimensions

<b>Buffer Tube/Subunit Diameter</b>	3.556 mm   0.14 in
<b>Diameter Over Jacket</b>	27.94 mm   1.1 in

# 760194126 | HEC-24MM-1210-APV

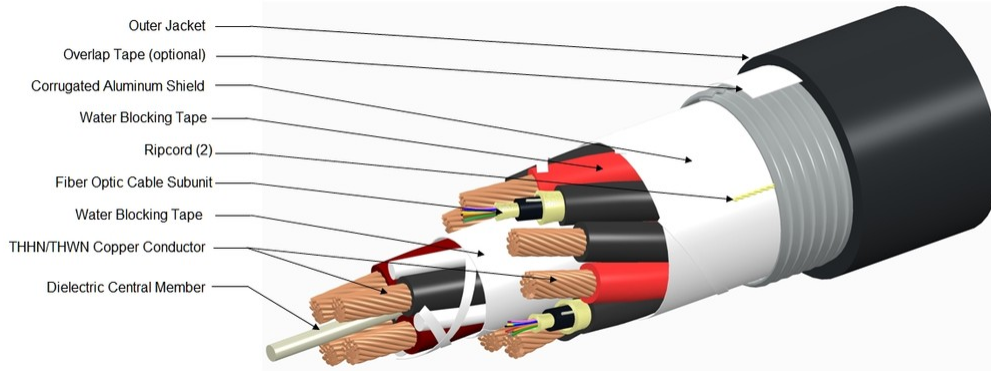
**Conductor Gauge** 10 AWG

## Electrical Specifications

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

**dc Resistance, maximum** 3.412 ohms/km | 1.04 ohms/kft

## Representative Image



## Material Specifications

**Ripcord Material** Para-aramid synthetic fiber

## Mechanical Specifications

**Minimum Bend Radius, multiple bends, loaded** 558.8 mm | 22 in

**Minimum Bend Radius, multiple bends, unloaded** 335.28 mm | 13.2 in

**Minimum Bend Radius, single bend, unloaded** 177.8 mm | 7 in

**Tensile Load, long term, maximum** 1,067.573 N | 240 lbf

**Tensile Load, short term, maximum** 3,558.576 N | 800 lbf

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

**Compression Test Method** FOTP-41

**Flex Test Method** FOTP-104

**Impact** 4.34 ft lb | 5.884 N-m

**Impact Test Method** FOTP-25

**Twist** 10 cycles

**Twist Test Method** FOTP-85

## Optical Specifications

# 760194126 | HEC-24MM-1210-APV

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**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** 1,177.138 kg/km | 791 lb/kft

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

## Included Products

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

## \* Footnotes

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