

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

### Product Classification

#### Regional Availability

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

#### Product Type

Hybrid cable, copper and fiber

#### Product Brand

HELIAX®

### General Specifications

#### Application

Remote radio head

#### Cable Type

Wireless feeder

#### Conductors, quantity

2

#### Construction Type

Shielded

#### Fiber Short Description

RFF – 6AWG

#### Inner Shield (Tape) Material

Corrugated aluminum

#### Jacket Color

Black

#### Outer Shield (Tape) Material

PVC

#### Strength Members

Glass reinforced plastic rod

#### Subunit, quantity

2

#### Fibers per Subunit, quantity

2

#### Total Fiber Count

4

### Dimensions

#### Buffer Tube/Subunit Diameter

6.096 mm | 0.24 in

#### Diameter Over Jacket

24.384 mm | 0.96 in

#### Conductor Gauge

6 AWG

### Electrical Specifications

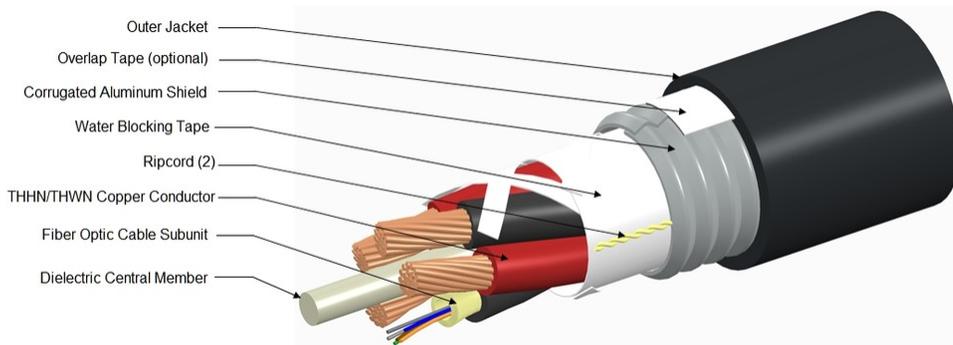
#### dc Resistance Note

Maximum value based on a standard condition of 20 °C (68 °F)

#### dc Resistance, maximum

1.352 ohms/km | 0.412 ohms/kft

## Representative Image



## Material Specifications

**Ripcord Material** Para-aramid synthetic fiber

## Mechanical Specifications

<b>Minimum Bend Radius, multiple bends, loaded</b>	487.68 mm   19.2 in
<b>Minimum Bend Radius, multiple bends, unloaded</b>	292.1 mm   11.5 in
<b>Minimum Bend Radius, single bend, unloaded</b>	170.18 mm   6.7 in
<b>Tensile Load, long term, maximum</b>	533.786 N   120 lbf
<b>Tensile Load, short term, maximum</b>	1,779.288 N   400 lbf
<b>Compression</b>	4.5 kg/mm   252 lb/in
<b>Compression Test Method</b>	FOTP-41
<b>Flex Test Method</b>	FOTP-104
<b>Impact</b>	4.34 ft lb   5.884 N-m
<b>Impact Test Method</b>	FOTP-25
<b>Twist</b>	10 cycles
<b>Twist Test Method</b>	FOTP-85

## Optical Specifications

**Fiber Type** G.657.A2/B2 | G.657.A2/B2

## Environmental Specifications

<b>Installation temperature</b>	-30 °C to +70 °C (-22 °F to +158 °F)
<b>Operating Temperature</b>	-40 °C to +80 °C (-40 °F to +176 °F)

# 760221283 | HTC-4SM-206-APVA

---

<b>Storage Temperature</b>	-40 °C to +80 °C (-40 °F to +176 °F)
<b>Cable Qualification Standards</b>	ANSI/ICEA S-104-696   ANSI/ICEA S-87-640   Telcordia GR-20   Telcordia GR-409   UL 1277
<b>Environmental Space</b>	Wireless installation

## Packaging and Weights

<b>Cable weight</b>	726.224 kg/km   488 lb/kft
---------------------	----------------------------

## Regulatory Compliance/Certifications

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

