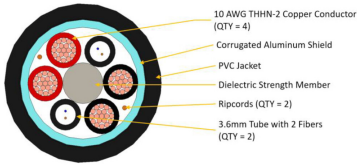


760234195 | HTC-4SM-410-APVA



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

4

Construction Type

Shielded

Fiber Short Description

RFF – 10AWG

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

3.556 mm | 0.14 in

Diameter Over Jacket

18.288 mm | 0.72 in

Conductor Gauge

10 AWG

Electrical Specifications

dc Resistance Note

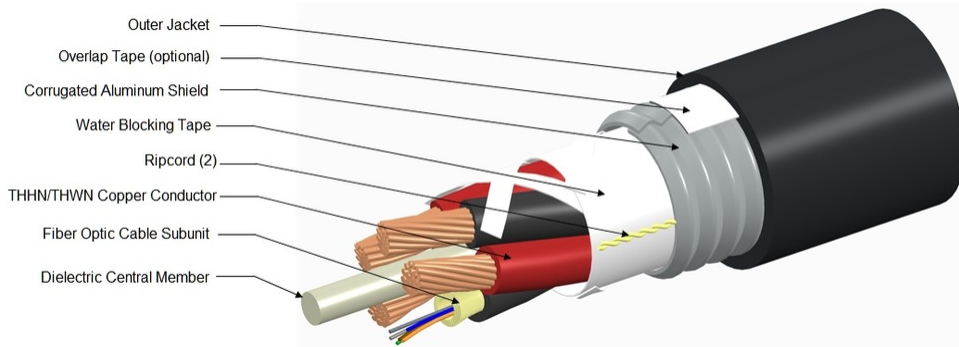
Maximum value based on a standard condition of 20 °C (68 °F)

dc Resistance, maximum

3.409 ohms/km | 1.039 ohms/kft

Representative Image

760234195 | HTC-4SM-410-APVA



Mechanical Specifications

Minimum Bend Radius, multiple bends, loaded	365.76 mm 14.4 in
Minimum Bend Radius, multiple bends, unloaded	220.98 mm 8.7 in
Minimum Bend Radius, single bend, unloaded	127 mm 5 in
Tensile Load, long term, maximum	800.68 N 180 lbf
Tensile Load, short term, maximum	2,668.932 N 600 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

Optical Specifications

Fiber Type	G.657.A2/B2 G.657.A2/B2
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Environmental Specifications

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

Packaging and Weights

Cable weight

456.122 kg/km | 306.5 lb/kft

Regulatory Compliance/Certifications

Agency**Classification**

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on www.andrew.com/ProductCompliance

ROHS

Compliant

UK-ROHS

Compliant

