

# HFE206M-4SUTKX

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HELIAX® Hybrid Cable Assembly, Aluminum armored cable.

HELIAX® Hybrid Cable Assembly, Aluminum armored cable. 2x6mm<sup>2</sup> power conductor (Class 5) White/Blue, 4xSingle Mode fiber. End 1: 6.0mm branch cable terminated with Uni-boot LC. And 2x6mm<sup>2</sup> power conductor terminated with Molex Crimp sleeve, separate package the RECEPTACLE. End 2: 3.0mm branch cable terminated with Uniboot LC and blunt cut power cable end 1 Power cable OD=14.9+/-1mm, and End 2 conductor sheath OD=4.5mm.

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Product Type</b>	Hybrid cable assembly
<b>Product Brand</b>	HELIAX®
<b>Product Series</b>	HFE
<b>Ordering Note</b>	ANDREW® non-standard product

## General Specifications

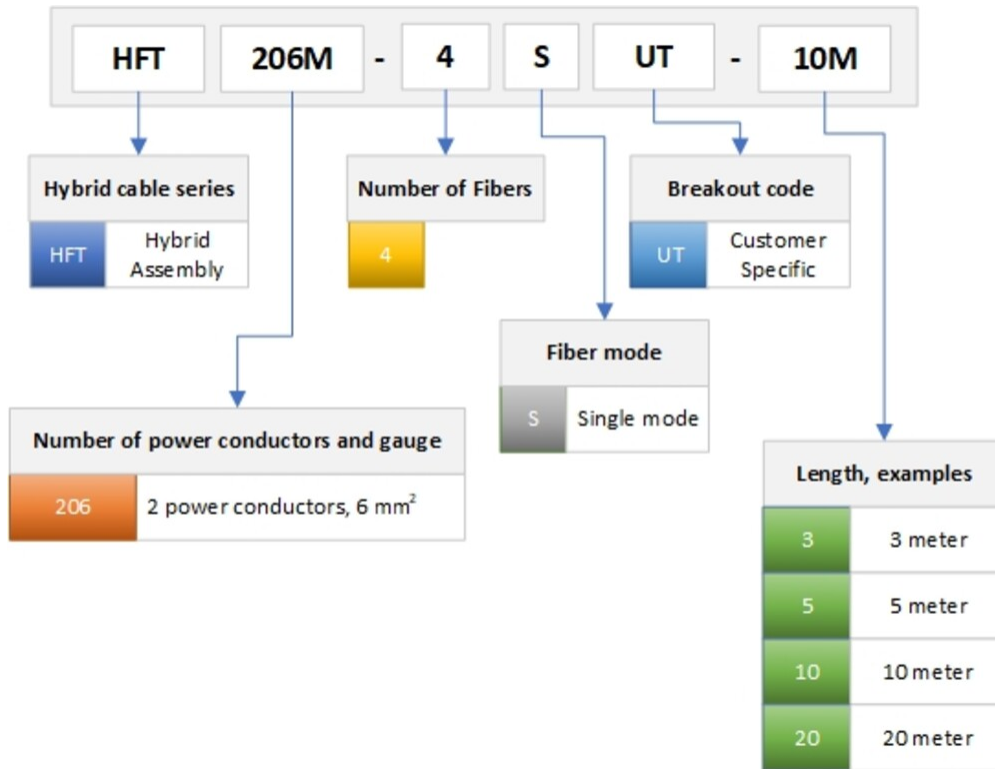
<b>Conductors, quantity</b>	2
<b>Construction Type</b>	Hybrid standard tail
<b>Interface, Connector A</b>	DLC
<b>Interface Feature, connector A</b>	Standard
<b>Interface Body Style, connector A</b>	Straight
<b>Interface, Connector B</b>	DLC
<b>Interface Feature, connector B</b>	Standard
<b>Interface Body Style, connector B</b>	Straight
<b>Jacket Color</b>	Black
<b>Total Fibers, quantity</b>	4

## Dimensions

<b>Cable Assembly Length Range (m)</b>	1 – 100
<b>Diameter Over Jacket</b>	15.9 mm   0.626 in
<b>Center Conductor Gauge</b>	6 mm <sup>2</sup>

## Ordering Tree

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## Mechanical Specifications

<b>Minimum Bend Radius, furcation</b>	30 mm   1.181 in
<b>Minimum Bend Radius, loaded</b>	318 mm   12.52 in
<b>Minimum Bend Radius, unloaded</b>	159 mm   6.26 in

## Optical Specifications

<b>Fiber Mode</b>	Singlemode
<b>Fiber Type</b>	G.657.A2
<b>Insertion Loss, typical note</b>	Insertion loss is measured at 1310 and 1550 nm
<b>Insertion Loss, typical</b>	0.3 dB
<b>Return Loss, minimum, connector A</b>	50 dB
<b>Return Loss, minimum, connector B</b>	50 dB

## Environmental Specifications

<b>Installation temperature</b>	-30 °C to +70 °C (-22 °F to +158 °F)
<b>Operating Temperature</b>	-40 °C to +75 °C (-40 °F to +167 °F)

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**Storage Temperature** -40 °C to +75 °C (-40 °F to +167 °F)

**Environmental Space** Indoor/Outdoor

**Jacket UV Resistance** UV stabilized

## Packaging and Weights

**Cable weight** 0.2 kg/m | 0.134 lb/ft

## \* Footnotes

**Insertion Loss, typical note** Insertion loss is measured at a room temp of +20°C (+68°F)