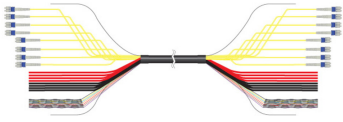# HFT806-16S48

HELIAX® Hybrid Cable Assembly, 4X8, UL Type TC-ER, 8 power conductors 6 AWG, 16-fiber, 14 alarm wires, PVC jacket, aluminum armor

Product Classification

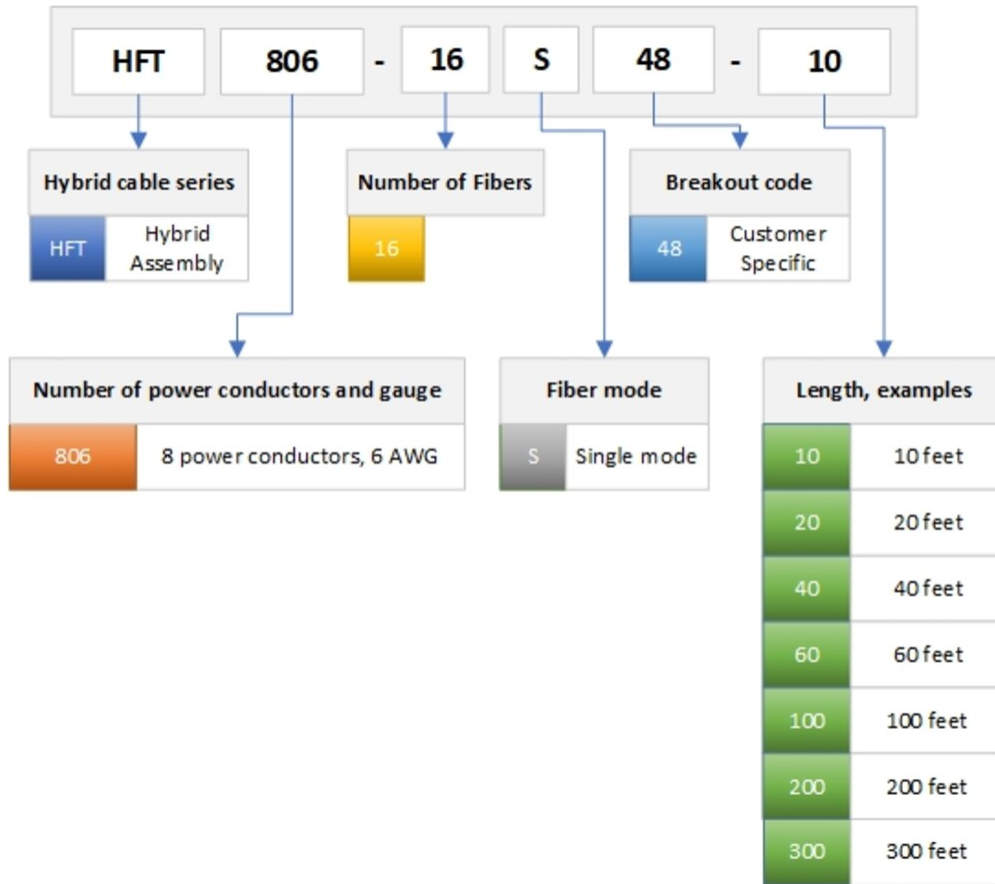|	
Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America
Portfolio	CommScope®
Product Type	Hybrid cable assembly
Product Brand	HELIAX®
Product Series	HFT
Ordering Note	CommScope® non-standard product

General Specifications

Alarm Wire, quantity	14
Conductors, quantity	8
Construction Type	Hybrid standard trunk
Interface, Connector A	DLC
Interface Feature, connector A	Standard
Interface Body Style, connector A	Straight
Interface, Connector B	DLC
Interface Feature, connector B	Standard
Interface Body Style, connector B	Straight
Jacket Color	Black
Total Fibers, quantity	16

Dimensions

Cable Assembly Length Range (ft)	6 – 300
Diameter Over Jacket	33.4 mm | 1.315 in
Alarm Wire Gauge	18 AWG
Center Conductor Gauge	6 AWG

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HFT806-16S48

Ordering Tree

| HFT | 806 | - | 16 | S | 48 | - | 10 |

Hybrid cable series

HFT — Hybrid Assembly

Number of Fibers

16

Breakout code

48 — Customer Specific

Number of power conductors and gauge

806 — 8 power conductors, 6 AWG

Fiber mode

S — Single mode

Length, examples

10	10 feet
20	20 feet
40	40 feet
60	60 feet
100	100 feet
200	200 feet
300	300 feet

Mechanical Specifications

Minimum Bend Radius   332.7 mm | 13.098 in

Minimum Bend Radius, furcation   30 mm | 1.181 in

Optical Specifications

Fiber Type   G.657.A2

Insertion Loss, typical note   Insertion loss is measured at 1310 and 1550 nm

Insertion Loss, typical   0.5

Environmental Specifications

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

Packaging and Weights

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HFT806-16S48

Cable weight	1.9 kg/m	1.277 lb/ft

Regulatory Compliance/Certifications

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

ISO
9001:2015

* Footnotes

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

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