HFT412-4S28F

HELIAX® Hybrid Cable Assembly, 2-OVP box to RRU, UL Type TC-ER, 4 power conductors 12 AWG, 4-fiber, PVC jacket, aluminum armor, weather shroud pre-installed

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

Conductors, quantity	4
Construction Type	Hybrid standard tail
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	4

Dimensions

Cable Assembly Length Range (ft)	3 – 50
Diameter Over Jacket	15.69 mm | 0.618 in
Center Conductor Gauge	12 AWG

Ordering Tree

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HFT	412	-	4	S	28	-	10

Hybrid cable series

HFT	Hybrid Assembly

Number of Fibers

4	

Breakout code

28	Customer Specific
28F	Customer Specific
29	Customer Specific
29F	Customer Specific

Number of power conductors and gauge

412	4 power conductors, 12 AWG

Fiber mode

S	Single mode

Length, examples

3	3 feet
5	5 feet
10	10 feet
15	15 feet
20	20 feet
40	40 feet
50	50 feet
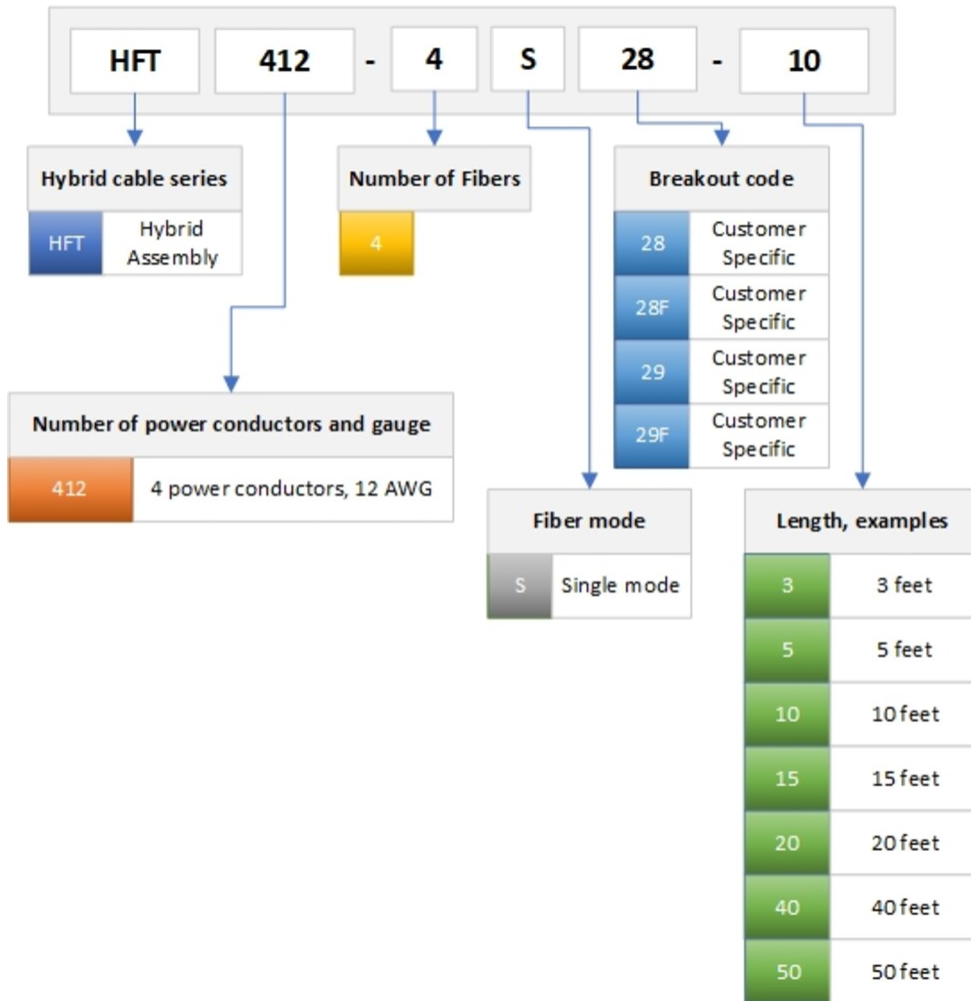
Mechanical Specifications

Minimum Bend Radius	157.5 mm | 6.201 in
Minimum Bend Radius, furcation	30 mm | 1.181 in

Optical Specifications

Fiber Mode	Singlemode
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

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

Packaging and Weights

| **Cable weight** | 0.3 kg/m | 0.202 lb/ft |

Regulatory Compliance/Certifications

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

* Footnotes

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

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