RFA810-16S06

HELIAX® Hybrid Cable Assembly, 8 power conductors, 16-fiber, black 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	RFA
Ordering Note	CommScope® non-standard product

General Specifications

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 (m)	5 – 100
Diameter Over Jacket	23.5 mm	0.925 in
Center Conductor Gauge	10 AWG

Ordering Tree

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| RFA | 810 | - | 16 | S | 06 | - | 5M |

Hybrid cable series

| RFA | Hybrid Assembly |

Number of Fibers

| 16 | |

Breakout code

| 06 | Customer Specific |
| 14 | Customer Specific |

Number of power conductors and gauge

| 810 | 8 power conductors, 10 AWG |
| 812 | 8 power conductors, 12 AWG |

Fiber mode

| S | Single mode |

Length, examples

10M	10 meter
15M	15 meter
20M	20 meter
45M	45 meter
60M	60 meter
80M	80 meter
100M	100 meter
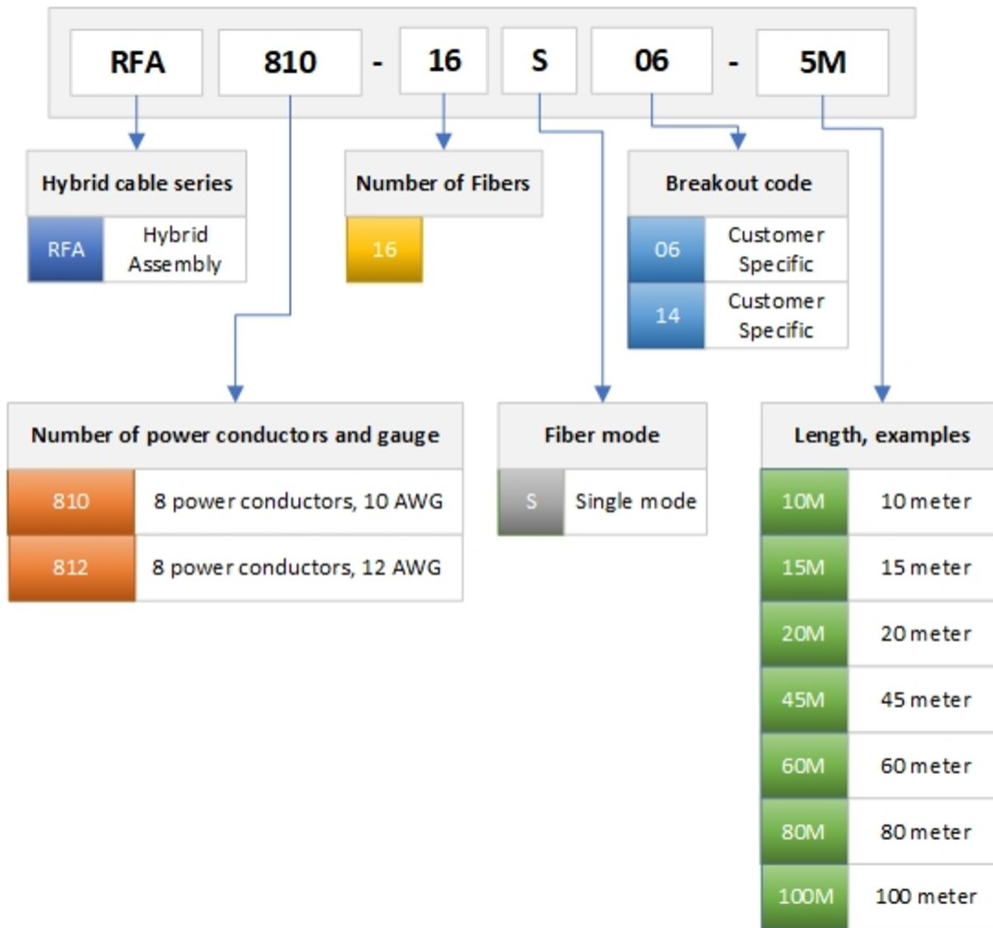
Mechanical Specifications

| **Minimum Bend Radius** | 236.2 mm | 9.299 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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Cable weight	0.8 kg/m | 0.538 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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