

PWR-806

HELIAX® Remote Radio Head Power Cable, 8 conductor, 6 AWG, four Blue and four Grey

Product Classification

Regional Availability	Europe
Portfolio	CommScope®
Product Type	Power cable
Product Brand	HELIAX®

General Specifications

Application	Remote radio head
Cable Type	Wireless feeder
Conductors, quantity	8
Construction Type	Shielded
Fiber Short Description	RFF – 8AWG
Inner Shield (Tape) Material	Corrugated aluminum
Jacket Color	Black
Outer Shield (Tape) Material	PVC
Strength Members	Glass reinforced plastic rod
Water Blocking Method	Water blocking tape(s) Water blocking threads

Dimensions

Diameter Over Jacket	29.718 mm 1.17 in
Conductor Gauge	6 AWG

Electrical Specifications

dc Resistance Note	Maximum value based on a standard condition of 20 °C (68 °F)
dc Resistance, maximum	2.146 ohms/km 0.654 ohms/kft

Material Specifications

Ripcord Material	Para-aramid synthetic fiber
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Mechanical Specifications

Minimum Bend Radius, multiple bends, loaded	591.82 mm 23.3 in
Minimum Bend Radius, multiple bends, unloaded	294.64 mm 11.6 in

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Minimum Bend Radius, single bend, unloaded	205.74 mm 8.1 in
Tensile Load, long term, maximum	1,067.573 N 240 lbf
Tensile Load, short term, maximum	3,558.576 N 800 lbf
Compression	4.5 kg/mm 252 lb/in
Compression Test Method	FOTP-41
Flex Test Method	FOTP-104
Impact	5.88 N-m 52.042 in lb
Impact Test Method	FOTP-25
Twist	10 cycles
Twist Test Method	FOTP-85

Environmental Specifications

Installation temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
Environmental Space	Wireless installation

Packaging and Weights

Cable weight	1,296.191 kg/km 871 lb/kft
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Regulatory Compliance/Certifications

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



* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable