MPT-G2A-BB-NN-500M

HELIAX® Power cable, White & Red with aluminum shield with quantity 2x6 mm2 cores, flame resistant CPR Class B2ca s1, d2, a1 rated, 500 meters

- Available with different colors on demand

Product Classification

Regional Availability	Europe
Product Type	Power cable
Product Brand	HELIAX®
Ordering Note	ANDREW® non-standard product
Warranty	For more information, please consult our Product Warranty guidelines

General Specifications

Application	Remote radio head
Cable Type	Power
Conductor Type, singles	Stranded
Conductors, quantity	2
Jacket Color	Black
Jacket Color, singles	Red | White
Outer Shield (Tape) Material	Al/PET tape

Dimensions

Cable Length	500.024 m | 1,640.5 ft
Diameter Over Jacket	9.677 mm | 0.381 in
Conductor Gauge	6 mm² class 5

Cross Section Drawing

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Revised: June 26, 2025

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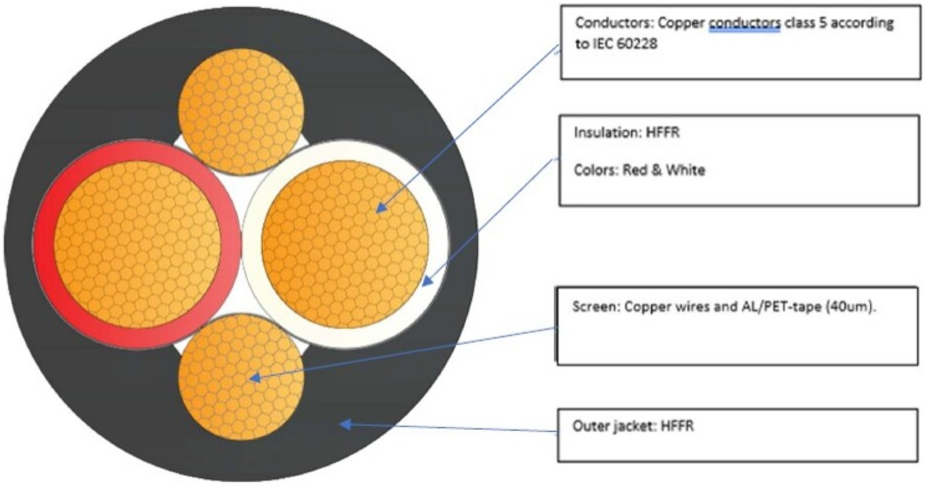

Electrical Specifications

Safety Voltage Rating	600 V

Ordering Tree

MPT - A 2 A - B B - N N - 500 M

Color and drain wires	
A	brown/blue (aluminum drain wire)
E	white/red (aluminum drain wire)
F	white/blue (aluminum drain wire)
I	brown/blue (copper drain wire)
M	white/red (copper drain wire)
N	white/blue (copper drain wire)

Number of cores	
2	2
6	6
8	8
X	12
Z	24

Core size	
H	4 mm² *
A	6 mm²
B	10 mm²
C	16 mm²
D	25 mm² **
E	35 mm² *
F	50 mm² *

Connector top	
B	Blunt out
G	OEC GEN
F	Ferrule

Connector bottom	
B	Blunt out
G	OEC GEN
F	Ferrule

Top breakout length	
N	none
A	1 meter

Bottom breakout length	
N	none
A	1 meter

Length, example	
500M	500 meters

Notes

* this size is not available for 6, 8, or 12 core cable options.
** this size is not available for 8 and 12 core cable options.

Material Specifications

Ground Wire Material	Annealed aluminum wires
Insulation Material, singles	Flame retardant PE

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Jacket Material	Flame retardant PE | Low Smoke Zero Halogen (LSZH)
Outer Shield (Braid) Coverage	100 %
Outer Shield (Tape) Material	Al/PET tape

Environmental Specifications

Installation temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Operating Temperature	-40 °C to +90 °C (-40 °F to +194 °F)
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Indoor/Outdoor
Jacket UV Resistance	UV stabilized

Packaging and Weights

Cable weight	170.008 kg/km | 114.24 lb/kft

* Footnotes

Warranty	For more information, please consult our Product Warranty guidelines
Operating Temperature	Specification applicable to non-terminated bulk fiber cable

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