MPT-A2E-BB-NN-500M

HELIAX® Power cable, with aluminum shield with quantity, 2x35 mm2 cores, flame resistant CPR Class B2ca s1, d2, a1 rated, 500 meters

- Available with different colors on demand

Product Classification

Regional Availability	Europe
Portfolio	CommScope®
Product Type	Power cable
Product Brand	HELIAX®
Ordering Note	CommScope® 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	Blue | Brown

Dimensions

Cable Length	500.024 m | 1,640.5 ft
Diameter Over Jacket	18.999 mm | 0.748 in
Conductor Gauge	35 mm²

Cross Section Drawing

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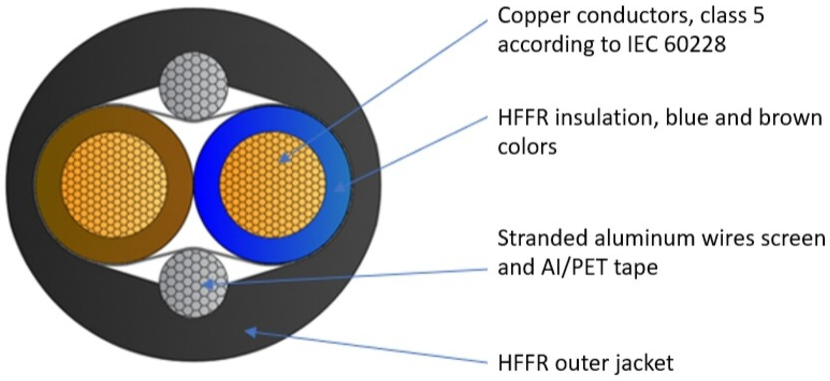

Electrical Specifications

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

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Drain Wire Material	Tinned copper
Ground Wire Material	Annealed aluminum wires
Insulation Material, singles	Flame retardant PE
Jacket Material	Flame retardant PE
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)
Environmental Space	Indoor/Outdoor
Jacket UV Resistance	UV stabilized

Packaging and Weights

Cable weight	830.038 kg/km | 557.76 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

* 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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