

# MPT-A2D-BB-NN-500M

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HELIAX® Power cable, with aluminum shield with quantity, 2x25 mm<sup>2</sup> cores, flame resistant CPR Class B2ca s1, d2, a1 rated, 500 meters

- Available with different colors on demand

## Product Classification

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

## General Specifications

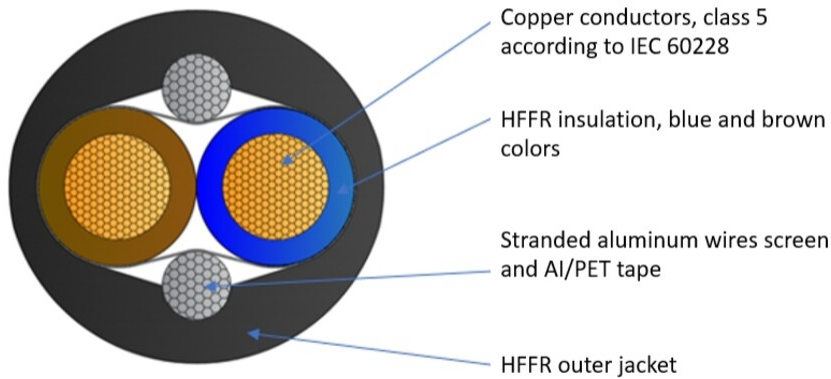
|                                |                   |
|--------------------------------|-------------------|
| <b>Application</b>             | Remote radio head |
| <b>Cable Type</b>              | Power             |
| <b>Conductor Type, singles</b> | Stranded          |
| <b>Conductors, quantity</b>    | 2                 |
| <b>Jacket Color</b>            | Black             |
| <b>Jacket Color, singles</b>   | Blue   Brown      |

## Dimensions

|                             |                        |
|-----------------------------|------------------------|
| <b>Cable Length</b>         | 500.024 m   1,640.5 ft |
| <b>Diameter Over Jacket</b> | 15.977 mm   0.629 in   |
| <b>Conductor Gauge</b>      | 25 mm <sup>2</sup>     |

## Cross Section Drawing

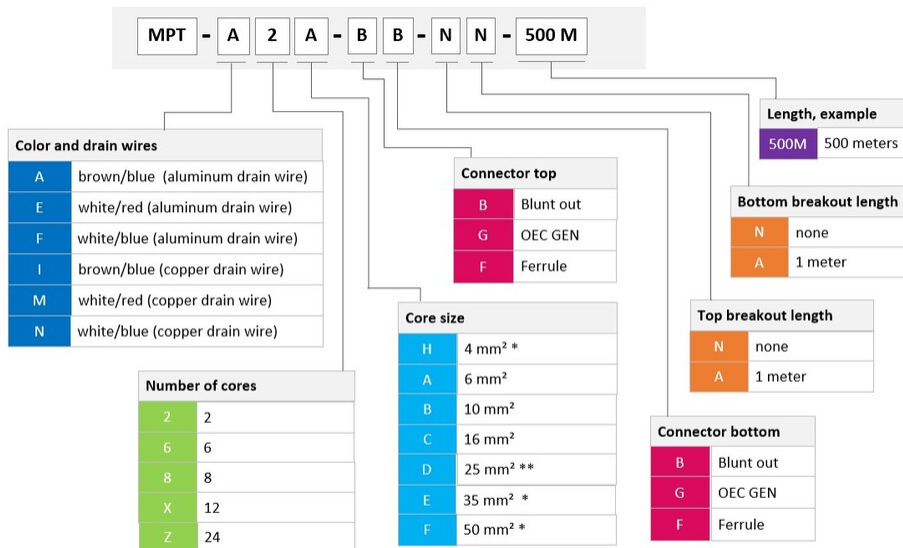
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## Electrical Specifications

**Safety Voltage Rating** 600 V

## Ordering Tree



**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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|                                      |                         |
|--------------------------------------|-------------------------|
| <b>Conductor Material</b>            | Tinned copper           |
| <b>Ground Wire Material</b>          | Annealed aluminum wires |
| <b>Insulation Material, singles</b>  | Flame retardant PE      |
| <b>Jacket Material</b>               | Flame retardant PE      |
| <b>Outer Shield (Braid) Coverage</b> | 100 %                   |
| <b>Outer Shield (Tape) Material</b>  | Al/PET tape             |

## Environmental Specifications

|                                 |                                      |
|---------------------------------|--------------------------------------|
| <b>Installation temperature</b> | -20 °C to +70 °C (-4 °F to +158 °F)  |
| <b>Operating Temperature</b>    | -40 °C to +90 °C (-40 °F to +194 °F) |
| <b>Storage Temperature</b>      | -40 °C to +80 °C (-40 °F to +176 °F) |
| <b>Environmental Space</b>      | Indoor/Outdoor                       |
| <b>Jacket UV Resistance</b>     | UV stabilized                        |

## Packaging and Weights

|                     |                                |
|---------------------|--------------------------------|
| <b>Cable weight</b> | 579.027 kg/km   389.088 lb/kft |
|---------------------|--------------------------------|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |



## \* Footnotes

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