

# PWRT-104-L2-GRN



HELIAX® Single Conductor Power Cable, 4AWG Conductor, LSZH, L2, Green Jacket, Telcordia GR-347-CORE, IEC including 60674 and 60332, 105 degrees C Dry, 60 degrees C Wet

## Product Classification

|                       |                              |
|-----------------------|------------------------------|
| Regional Availability | North America                |
| Product Type          | Power cable                  |
| Product Brand         | HELIAX®                      |
| Product Series        | PWRT                         |
| Ordering Note         | ANDREW® non-standard product |

## General Specifications

|                              |                      |
|------------------------------|----------------------|
| Cable Type                   | Power                |
| Conductor Type, singles      | Stranded             |
| Conductors, quantity         | 1                    |
| Construction Type            | Discrete power cable |
| Jacket Color                 | Green                |
| Jacket Color, singles        | Green                |
| Outer Shield (Tape) Material | Opaque Mylar Tape    |
| Supported Application        | Industrial           |

## Dimensions

|                                            |                        |
|--------------------------------------------|------------------------|
| Diameter Over Conductor, singles, specific | 5.0 mm per 105 strands |
| Diameter Over Jacket                       | 9.96 mm   0.392 in     |
| Jacket Thickness                           | 5 mm   0.197 in        |
| Conductor Gauge                            | 4 AWG                  |
| Conductor Gauge, singles                   | 4 AWG                  |

## Cross Section Drawing

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## Electrical Specifications

|                              |                                                              |
|------------------------------|--------------------------------------------------------------|
| Conductor dc Resistance      | 0.9 ohms/km   0.274 ohms/kft                                 |
| Conductor dc Resistance Note | Maximum value based on a standard condition of 20 °C (68 °F) |
| Safety Voltage Rating        | 600 V                                                        |

## Material Specifications

|                    |                               |
|--------------------|-------------------------------|
| Conductor Material | Tinned copper                 |
| Jacket Material    | Low Smoke Zero Halogen (LSZH) |

## Mechanical Specifications

|                             |                   |
|-----------------------------|-------------------|
| Minimum Bend Radius, loaded | 78.74 mm   3.1 in |
|-----------------------------|-------------------|

## Environmental Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Operating Temperature | -40 °C to +75 °C (-40 °F to +167 °F) |
| Environmental Space   | Low Smoke Zero Halogen (LSZH)        |
| Flame Test Listing    | FT4-ST1   VW-1                       |

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|                       |                               |
|-----------------------|-------------------------------|
| Flame Test Method     | UL44                          |
| Smoke Test Method     | UL44                          |
| Packaging and Weights |                               |
| Cable weight          | 293.005 kg/km   196.89 lb/kft |

\* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable