

# PWRT-212-SH

Remote Radio Head Power Cable, 2 conductor with shield, 12 AWG (3.31 mm2), one Blue Conductor and one Black Conductor



## Product Classification

|                       |                                 |
|-----------------------|---------------------------------|
| Regional Availability | North America                   |
| Portfolio             | CommScope®                      |
| Product Type          | Power cable                     |
| Product Series        | PWRT                            |
| Ordering Note         | CommScope® non-standard product |

## General Specifications

|                         |                                    |
|-------------------------|------------------------------------|
| Cable Type              | Power                              |
| Conductor Type, singles | Stranded                           |
| Conductors, quantity    | 2                                  |
| Construction Type       | Discrete power cable   Non-armored |
| Jacket Color            | Black                              |
| Jacket Color, singles   | Black   Blue                       |
| Supported Application   | Industrial                         |

## Dimensions

|  |                          |
|--|--------------------------|
| Diameter Over Conductor, singles, specific | 0.1010 in per 65 strands |
| Diameter Over Dielectric                   | 2.362 mm   0.093 in      |
| Diameter Over Jacket, nominal              | 10.008 mm   0.394 in     |
| Jacket Thickness                           | 0.813 mm   0.032 in      |
| Conductor Gauge, singles                   | 12 AWG                   |
| Outer Shield (Braid) Gauge                 | 36 AWG                   |

## Electrical Specifications

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|                              |   |
|------------------------------|---|
| Conductor dc Resistance      | 2.198 ohms/km   0.67 ohms/kft   5.512 ohms/km   1.68 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 |
| Dielectric Material           | PVC           |
| Insulation Material, singles  | PVC           |
| Jacket Material               | PVC           |
| Outer Shield (Braid) Coverage | 85 %          |
| Outer Shield (Braid) Material | Tinned copper |


## Environmental Specifications

|                       |   |
|-----------------------|---|
| Operating Temperature | -40 °C to +80 °C (-40 °F to +176 °F)                        |
| Environmental Space   | UV resistant for outdoor and/or direct burial installations |
| Safety Standard       | NEC Article 336 (Type TC)                                   |

## Packaging and Weights

|              |                            |
|--------------|----------------------------|
| Cable weight | 163.698 kg/km   110 lb/kft |
|--------------|----------------------------|

## 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 |
|-----------------------|---|