23 Ohm Power Feeder® Trunk and Distribution Cable, black PE jacket with three co-extruded red stripes

Product Classification

Brand: Power Feeder®
Product Type: Coaxial hardline cable

Construction Materials

- **Jacket Material**: PE
- **Center Conductor Material**: Copper-clad aluminum
- **Construction Type**: Swaged
- **Dielectric Material**: Foam PE
- **Messenger Wire Material**: Zinc-coated steel
- **Outer Conductor Material**: Aluminum

Dimensions

- **Diameter Over Center Conductor, nominal**: 8.255 mm | 0.325 in
- **Diameter Over Dielectric, nominal**: 13.081 mm | 0.515 in
- **Diameter Over Outer Conductor, nominal**: 15.875 mm | 0.625 in
- **Diameter Over Jacket, nominal**: 17.399 mm | 0.685 in
- **Jacket Thickness, nominal**: 0.7620 mm | 0.0300 in
- **Outer Conductor Thickness, nominal**: 1.3970 mm | 0.0550 in
- **Cable Length**: 732 m | 2400 ft
- **Shipping Weight**: 364.00 lb/kft

Electrical Specifications

- **dc Resistance, Inner Conductor, nominal**: 0.16 ohms/kft
- **dc Resistance, Outer Conductor, nominal**: 0.14 ohms/kft
- **dc Resistance, Loop, nominal**: 0.30 ohms/kft
- **dc Resistance Note**: Nominal values based on a standard condition of 20 °C (68 °F)
- **Jacket Spark Test Voltage**: 5000 Vac
Environmental Specifications

Environmental Space

Aerial

General Specifications

Cable Type
625 series

Jacket Color
Black with three co-extruded red stripes

Packaging Type
Reel

Warranty
One year

Mechanical Specifications

Messenger Wire Breaking Strength, minimum
1769 kg  |  3900 lb

Minimum Bend Radius, standard
228.60 mm  |  9.00 in

Pulling Tension, maximum
363 kg  |  800 lb

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU
ISO 9001:2015

Classification
Compliant
Designed, manufactured and/or distributed under this quality management system

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