

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



## Product Classification

<b>Brand</b>	Power Feeder®
<b>Product Type</b>	Coaxial hardline cable

## Construction Materials

<b>Jacket Material</b>	PE
<b>Center Conductor Material</b>	Copper-clad aluminum
<b>Construction Type</b>	Swaged
<b>Dielectric Material</b>	Foam PE
<b>Messenger Wire Material</b>	Zinc-coated steel
<b>Outer Conductor Material</b>	Aluminum

## Dimensions

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

## Electrical Specifications

<b>dc Resistance, Inner Conductor, nominal</b>	0.16 ohms/kft
<b>dc Resistance, Outer Conductor, nominal</b>	0.14 ohms/kft
<b>dc Resistance, Loop, nominal</b>	0.30 ohms/kft
<b>dc Resistance Note</b>	Nominal values based on a standard condition of 20 °C (68 °F)
<b>Jacket Spark Test Voltage</b>	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	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

