

5266303 | POWER FEEDER® 625 JCAT 3R SM MT

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



Product Classification

| | |
|----------------------|------------------------|
| Product Type | Coaxial hardline cable |
| Product Brand | Power Feeder® |
| Warranty | One year |

General Specifications

| | |
|--------------------------|------------------------------------------|
| Cable Type | 625 series |
| Construction Type | Swaged |
| Jacket Color | Black with three co-extruded red stripes |
| Short Description | PF 625 JCAT 3R SM MT PR7708 |

Dimensions

| | |
|------------------------------------------------|----------------------|
| Cable Length | 731.52 m 2400 ft |
| Diameter Over Center Conductor, nominal | 8.255 mm 0.325 in |
| Diameter Over Dielectric, nominal | 13.081 mm 0.515 in |
| Diameter Over Jacket, nominal | 17.399 mm 0.685 in |
| Diameter Over Outer Conductor, nominal | 15.875 mm 0.625 in |
| Jacket Thickness, nominal | 0.762 mm 0.03 in |
| Outer Conductor Thickness, nominal | 1.397 mm 0.055 in |

Electrical Specifications

| | |
|------------------------------------------------|---------------------------------------------------------------|
| dc Resistance Note | Nominal values based on a standard condition of 20 °C (68 °F) |
| dc Resistance, Inner Conductor, nominal | 0.525 ohms/km 0.16 ohms/kft |
| dc Resistance, Loop, nominal | 0.984 ohms/km 0.3 ohms/kft |
| dc Resistance, Outer Conductor, nominal | 0.459 ohms/km 0.14 ohms/kft |

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Jacket Spark Test Voltage 5000 Vac

Material Specifications

Center Conductor Material Copper-clad aluminum

Dielectric Material Foam PE

Jacket Material PE

Outer Conductor Material Aluminum

Mechanical Specifications

Minimum Bend Radius, standard 228.6 mm | 9 in

Pulling Tension, maximum 362.874 kg | 800 lb

Environmental Specifications

Environmental Space Aerial

Packaging and Weights

Packaging Type Reel

Weight, gross 541.692 kg/km | 364 lb/kft

Regulatory Compliance/Certifications

Agency

ISO 9001:2015



Classification

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