

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	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system