

5244903 | POWER FEEDER® 625 JCAT 3R



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

- *Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

Product Classification

Regional Availability	North America
Product Type	Coaxial hardline cable
Product Brand	Power Feeder®
Government Requirements	Build America Buy America (BABA) compliant*
Warranty	One year

General Specifications

Cable Type	625 Series
Construction Type	Swaged
Jacket Color	Black with three co-extruded red stripes
Location of Manufacturing	Catawba, North Carolina
Short Description	PF 625 JCAT 3R SM PR1794

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

Characteristic Impedance	23 ohm
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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
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
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Packaging and Weights

Packaging Type	Reel
Weight, gross	541.692 kg/km 364 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

