

Product: 8869

Lead Wire, #22 Str TC, Conductive PO/PO Ins, PVC Jkt, 17kV

Request Sample

Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) Tinned Copper, Conductive PO/PO Insulation, PVC Outer Jacket, 17kV

Technical Specifications

Product Overview

Suitable Applications:	internal wiring of electronic equipments, high voltage applications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	22	7x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PE - Polyethylene	0.027 in (0.69 mm)	0.090 in (2.3 mm)

Table Notes:	.003 in. conductive polyethylene over stranding.

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.12 in (3.0 mm)

Overall Cable Diameter (Nominal):	0.12 in (3.0 mm)

Electrical Characteristics

Voltage

Voltage Rating	Breakdown Voltage
17,000 V DC, 6000 V RMS (AC (60 Hertz))	35,000 V (DC)

Mechanical Characteristics

Bend Radius

Stationary Min.	Installation Min.
0.48 in (12 mm)	0.48 in (12 mm)

Max. Pull Tension:	9.1 lbs (4.1 kg)
Bulk Cable Weight:	8 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
European Directive Compliance:	EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.460 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8869 010100	Black	Reel	100 ft	612825217145
8869 010500	Black	Reel	500 ft	612825217152

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