



**Product:** [8868](#)

Lead Wire, #22 Str TC, Conductive PO/PO Ins, PVC Jkt, 25kV

Request Sample

**Product Description**

Low Temp Plastic Lead Wire, 22AWG (7x30) Tinned Copper, Conductive PO/PO Insulation, PVC Outer Jacket, 25kV

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	1

Conductor Count: 1

**Insulation**

Material	Nominal Wall Thickness
PE - Polyethylene	0.044 in

Insulation, Table Note: .003 in. conductive polyethylene over stranding.

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.15 in	0.015 in
	0.15 in	

**Electrical Characteristics**

**Voltage**

Breakdown Voltage	Description	Voltage Rating [V]
48,000 DC	DC	24,000 V
	AC (60 Hertz)	9000 V

**Temperature Range**

Non-UL Temp Rating: 80°C

**Mechanical Characteristics**

Bulk Cable Weight:	10 lbs/1000ft
Min Bend Radius/Minor Axis:	3 in

**Standards**

UL AWM Style:	N/A
Military Specification:	N/A

**Applicable Environmental and Other Programs**

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes

EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL voltage rating:	N/A
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC
8868 002500	Red	Reel	500 ft	612825217138
8868 002U500	Red	Reel	500 ft	612825217121

## Product Notes

Notes:	*This cable is recommended for applications in which the source is power limited so that if a cable failure occurs the source limits the energy transfer to a value of less than that required to raise the conductor temperature to 90°C.
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## History

Update and Revision:	Revision Number: 0.294 Revision Date: 04-28-2020
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