



Part Number: 8868

High Voltage Leads, (1) 22 AWG (7x30) TC, PE/PVC, 25KV

[Request Sample](#)

Product Description

One 22 AWG stranded (7x30) tinned copper conductor, polyethylene insulation, PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

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

Conductor Count:	1
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.044 in

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

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

Electrical Characteristics

Shielding:	Unshielded
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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
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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
CA Prop 65 (CJ for Wire & Cable):	Yes
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
8868 002500	Red
8868 002U500	Red

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