



**Part Number: 8866**

High Voltage Leads, (1) 18 AWG (16x30) TC, PE/PVC, 40KV

[Request Sample](#)

**Product Description**

One 18 AWG stranded (16x30) tinned copper conductor, polyethylene insulation, PVC jacket.

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	16x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	18 AWG

**Insulation**

Material	Nominal Wall Thickness
PE - Polyethylene	0.057 in

Insulation, Table Note:	.008 in. conductive polyethylene over stranding.
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**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.208 in	0.015 in

**Electrical Characteristics**

Shielding:	Unshielded
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**Voltage**

Breakdown Voltage	Description	Voltage Rating [V]
80,000 DC	DC	40,000 V
	AC (60 Hertz)	11,000 V

**Temperature Range**

Non-UL Temp Rating:	80°C
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**Mechanical Characteristics**

Bulk Cable Weight:	20 lbs/1000ft
Min Bend Radius/Minor Axis:	4.5 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	Footnote
8866 002100	Red	
8866 002500	Red	C
8866 002U500	Red	

Footnote:	C - CRATE REEL PUT-UP.
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