



**Part Number: 8869**

High Voltage Leads, (1) 22 AWG (7x30) TC, PE/PVC, 17KV

[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 | 0.027 in               |

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

**Outer Jacket Material**

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.12 in          | 0.015 in               |

**Electrical Characteristics**

|            |            |
|------------|------------|
| Shielding: | Unshielded |
|------------|------------|

**Voltage**

| Breakdown Voltage | Description   | Voltage Rating [V] |
|-------------------|---------------|--------------------|
| 35,000 DC         | DC            | 17,000 V           |
|                   | AC (60 Hertz) | 6000 V             |

**Temperature Range**

|                     |      |
|---------------------|------|
| Non-UL Temp Rating: | 80°C |
|---------------------|------|

**Mechanical Characteristics**

|                    |              |
|--------------------|--------------|
| Bulk Cable Weight: | 8 lbs/1000ft |
|--------------------|--------------|

**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 2012/19/EU (WEEE):       | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | No                            |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-10-01                    |

|                                   |     |
|-----------------------------------|-----|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MIL Order #39 (China RoHS):       | Yes |

## Flammability, LSOH, Toxicity Testing

|                    |     |
|--------------------|-----|
| UL voltage rating: | N/A |
|--------------------|-----|

## Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Part Number

### Variants

| Item #      | Color |
|-------------|-------|
| 8869 010100 | Black |
| 8869 010500 | Black |

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