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1-800-Belden1



### General Description:

Tinned copper conductor, conductive polyethylene (Korona-Guard) over inner conductor provides uniform distribution of voltage stresses, polyethylene insulated. PVC jacket in Black.

### Physical Characteristics (Overall)

#### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 1            | 22  | 7x30      | TC - Tinned Copper |

Total Number of Conductors: 1

#### Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------|----------------------|
| PE - Polyethylene   | .027                 |

Other: .003 in. conductive polyethylene over stranding.

#### Jacket

Jacket Material: PVC - Polyvinyl Chloride

Jacket Thickness: .015

#### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.120 in.

### Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 8 lbs/1000 ft.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: No

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 10/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

Max. Operating Voltage - Other:

| Voltage  | Description   |
|----------|---------------|
| 17,000 V | DC            |
| 6000 V   | AC (60 Hertz) |

Breakdown Voltage: 35,000 DC

### Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

## 8869 Hook-up/Lead - High Voltage Leads

|             |        |          |       |  |                        |
|-------------|--------|----------|-------|--|------------------------|
| 8869 010100 | 100 FT | 1.000 LB | BLACK |  | 22 STR 17 KV HIGH VOLT |
| 8869 010500 | 500 FT | 4.500 LB | BLACK |  | 22 STR 17 KV HIGH VOLT |

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