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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 Red.

## 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	.044

Other: .003 in. conductive polyethylene over stranding.

### Outer Jacket

Outer Jacket Diameter:

Nom. Dia. (in.)
0.150

### Jacket

Jacket Material: PVC - Polyvinyl Chloride

Jacket Thickness: .015

### Overall Insulation

### Overall Cable

Overall Nominal Diameter: 0.150 in.

## Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 10 lbs/1000 ft.

Min. Bend Radius/Minor Axis: 3 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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

EU CE Mark: Yes

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
24,000 V	DC

9000 V | AC (60 Hertz)

**Breakdown Voltage:** 48,000 DC

### Notes (Overall)

**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.

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8868 002U500	500 FT	6.500 LB	RED		#22 STR 25 KV HIGH VOLT
8868 002500	500 FT	6.000 LB	RED		#22 STR 25 KV HIGH VOLT

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