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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. Red PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	18	16x30	TC - Tinned Copper

Total Number of Conductors: 1

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PE - Polyethylene	.057

Other: .008 in. conductive polyethylene over stranding.

#### Jacket

Jacket Material: PVC - Polyvinyl Chloride

Jacket Thickness: .015

#### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.208 in.

### Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 20 lbs/1000 ft.

### 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

MII Order #39 (China RoHS): Yes

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

Max. Operating Voltage - Other:

Voltage	Description
40,000 V	DC
11,000 V	AC (60 Hertz)

Breakdown Voltage: 80,000 DC

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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## 8866 Hook-up/Lead - High Voltage Leads

8866 002U500	500 FT	11.500 LB	RED		#18 STR 40 KV HIGH VOLT
8866 002100	100 FT	2.700 LB	RED		#18STR 40 KV HIGH VOLT
8866 002500	500 FT	11.500 LB	RED	C	#18 STR 40 KV HIGH VOLT

**Notes:**

C = CRATE REEL PUT-UP.

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