



## Product Details

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**8866**



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

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



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### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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	10.000 LB	RED	C	#18 STR 40 KV HIGH VOLT

#### Notes:

C = CRATE REEL PUT-UP.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

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

#### 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 Cabling

##### 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 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

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.