Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

8868 Hook-up/Lead - High Voltage Leads

For more Information please call

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
MII 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

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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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