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8868

Hook-up/Lead - High Voltage Leads

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



**For more Information
Please call**

1-800-Belden1



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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 |

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 |
| 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.

Close

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