

For more Information
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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 (mm) |
|---------------------|---------------------|
| PE - Polyethylene | 1.4478 |

Other: .008 in. conductive polyethylene over stranding.

Jacket

Jacket Material: PVC - Polyvinyl Chloride

Jacket Thickness: .015

Overall Insulation

Overall Cable

Overall Nominal Diameter: 5.283 mm

Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 29.764 Kg/Km

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 |
|----------|---------------|
| 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 |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

METRIC MEASUREMENT VERSION

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.

Revision Number: 2 Revision Date: 06-03-2011

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