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1-800-Belden1



### General Description:

CSPE - Chlorosulphonated Polyethylene insulation has excellent heat resistance, color stability and electrical properties and is recommended for Class 130(B) insulation systems.

### 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.) |
|---------------------------------------|----------------------|
| CSPE - Chlorosulphonated Polyethylene | 0.045                |

#### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.142 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|                                       |              |
|---------------------------------------|--------------|
| UL AWM Style:                         | 3191         |
| UL Rating:                            | 600 V, 105°C |
| CSA Rating:                           | 600 V, 105°C |
| CSA Type:                             | CL1053       |
| EU Directive 2011/65/EU (ROHS II):    | Yes          |
| EU Directive 2000/53/EC (ELV):        | Yes          |
| EU Directive 2002/95/EC (RoHS):       | Yes          |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2004   |
| 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

### Put Ups and Colors:

| Item #        | Putup    | Ship Weight | Color       | Notes   | Item Desc              |
|---------------|----------|-------------|-------------|---------|------------------------|
| 34418 002500  | 500 FT   | 8.000 LB    | RED         | F       | #18 STR CSPE 105C 600V |
| 34418 0025000 | 5,000 FT | 75.000 LB   | RED         | C I U Z | #18 STR CSPE 105C 600V |
| 34418 004500  | 500 FT   | 8.000 LB    | YELLOW      | F       | #18 STR CSPE 105C 600V |
| 34418 0055000 | 5,000 FT | 75.000 LB   | GREEN, DARK | C I U Z | #18 STR CSPE 105C 600V |
| 34418 0085000 | 5,000 FT | 80.000 LB   | GRAY        | C I U Z | #18 STR CSPE 105C 600V |
| 34418 009500  | 500 FT   | 8.000 LB    | WHITE       | F       | #18 STR CSPE 105C 600V |
| 34418 010500  | 500 FT   | 8.000 LB    | BLACK       | F       | #18 STR CSPE 105C 600V |
| 34418 0105000 | 5,000 FT | 75.000 LB   | BLACK       | C I U Z | #18 STR CSPE 105C 600V |
| 34418 013500  | 500 FT   | 8.000 LB    | BLUE, DARK  | F       | #18 STR CSPE 105C 600V |

Notes:

## ENGLISH MEASUREMENT VERSION

### 34418 Hook-up/Lead - UL AWM Style 3191

C = CRATE REEL PUT-UP.

F = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'

I = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'

U = TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10000' PER COLORCOMBINATION. (SEE TOPCOAT ADDER TABLE)

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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