

For more Information
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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 | 6 | 84x25 | TC - Tinned Copper |

Total Number of Conductors: 1

Insulation

Insulation Material:

| Insulation Material | Min. Avg. Wall (mm) |
|---------------------------------------|---------------------|
| CSPE - Chlorosulphonated Polyethylene | 1.524 |

Separator

Separator Material over Conductor: Y

Overall Insulation

Overall Cable

Overall Nominal Diameter: 8.712 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

Bulk Cable Weight: 189.001 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating: 600 V RMS, 105°C

UL Type: UL AWM 3192

CSA Rating: 300 V RMS, 105°C

EU Directive 2011/65/EU (ROHS II): Yes

CSA Type: CL1052

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

MII Order #39 (China RoHS): Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/km) |
|---------------------|
| 1.247 |

Max. Operating Voltage - UL:

| Voltage | Description |
|-----------|-------------|
| 600 V RMS | UL AWM 3192 |

Max. Operating Voltage - Other:

METRIC MEASUREMENT VERSION

34406 Hook-up/Lead - UL AWM Style 3192

| Voltage | Description |
|-----------|-------------|
| 300 V RMS | CSA CL1052 |

Max. Recommended Current:

| Description | Current |
|--|----------|
| Single conductor in free air @ 30C ambient | 121 amps |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|-------|-------|-----------------------|
| 34406 008100 | 100 FT | 14.100 LB | GRAY | | #6 STR CSPE 105C 600V |
| 34406 010100 | 100 FT | 14.400 LB | BLACK | | #6 STR CSPE 105C 600V |
| 34406 0101000 | 1,000 FT | 136.000 LB | BLACK | C F | #6 STR CSPE 105C 600V |
| 34406 010250 | 250 FT | 34.000 LB | BLACK | C F | #6 STR CSPE 105C 600V |

Notes:

C = CRATE REEL PUT-UP.

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

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