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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	3/0	630x26	TC - Tinned Copper

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Material	Min. Avg. Wall (in.)
CSPE - Chlorosulphonated Polyethylene	0.080

### Separator

Separator Material over Conductor: Y

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.732 in.

## Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 661 lbs/1000 ft.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

UL Rating: 600 V RMS, 105°C

UL Type: UL AWM 3193

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/1000 ft)
0.065

Max. Operating Voltage - UL:

Voltage	Description
600 V RMS	UL AWM 3193

Max. Operating Voltage - Other:

Voltage	Description
300 V RMS	CSA CL1052

**Max. Recommended Current:**

Description	Current
Single conductor in free air @ 30C ambient	380 amps

**Notes (Overall)**

**Notes (Cont'd.):** Exact strand count may vary.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
34430 010250	250 FT	172.750 LB	BLACK	C F	#3/0 STR CSPE 105C 600V
34430 01050	50 FT	38.450 LB	BLACK	C	#3/0 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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