



Part Number: 34918

Hook-Up/Lead Wire UL AWM Style 3190, (1) 18 AWG (16x30) TC, CSPE, 300V, 105°C

[Request Sample](#)

Product Description

One 18 AWG stranded (16x30) tinned copper conductor, chlorosulphonated polyethylene (CSPE) insulation.

Technical Specifications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 18 | 16x30 | TC - Tinned Copper | 1 |

| | |
|------------------|--------|
| Conductor Count: | 1 |
| Conductor Size: | 18 AWG |

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|---------------------------------------|------------------|------------------------|
| CSPE - Chlorosulphonated Polyethylene | 0.11 in | 0.0315 in |

Outer Jacket Material

| |
|-----------------|
| Material |
| No Jacket |

Electrical Characteristics

| | |
|------------|------------|
| Shielding: | Unshielded |
|------------|------------|

Voltage

| |
|--------------------------|
| UL Voltage Rating |
| 300 V |

Temperature Range

| | |
|-----------------|-------|
| UL Temp Rating: | 105°C |
|-----------------|-------|

Standards

| | |
|-------------------------|------------------|
| UL AWM Style: | 3190 |
| CSA Rating: | 300 V RMS, 105°C |
| CSA AWM Specification: | CL1052 |
| CSA Type: | CL1052 |
| Military Specification: | N/A |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |

| | |
|-----------------------------|-----|
| MII Order #39 (China RoHS): | Yes |
|-----------------------------|-----|

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------|
| UL voltage rating: | 300 V RMS |
|--------------------|-----------|

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item # | Color | Footnote |
|---------------|-------|----------|
| 34918 010500 | Black | F |
| 34918 0105000 | Black | C I U Z |
| 34918 002500 | Red | F |
| 34918 0025000 | Red | C I U Z |

| | |
|-----------|--|
| Footnote: | F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. |
| Footnote: | C - CRATE REEL PUT-UP. |
| Footnote: | I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'. |
| Footnote: | U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE) |
| Footnote: | Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN. |

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