

## CASLICON™ 150 UL/cUL

**Style 3068**  
-60°C to +150°C, 300V



### Construction

**Type:** electrical wire

**Core:** bare, tin-plated, nickel-plated, or silver-plated copper

**Insulation:** silicon rubber

### Production

**Range width:** AWG 30 to 16

**Options:** Please consult us for any special requirements

### Application

**Lighting:** cabling for household lighting appliances

**Industry:** industrial cabling in hot atmospheres

**Electromechanics:** cabling for rotating machines

**Household appliances:** cabling for household electrical heating appliances

### General characteristics

**Weather conditions:** good resistance to UV

**Operating environment:** good resistance to thermal shock

### Thermal characteristics

**Operating temperature:** -60°C to +150 °C

### Electrical characteristics

**Operating Voltage:** 300V

**Test voltage:** 1500 V

### Approvals – Standards

**“Horizontal flame”:** IEC 60754-2 / EN 60754-2

**“FT1 flame rating”:** as per UL approval

**“VW-1 flame test”:** as per UL approval

**UL approval:** as per standard UL 758

| Casmocable Part No. | Wire gauge | Conductor structure |                  |      | Conductor Diameter |      | Wall thickness |      | Final O.D. |      | Approx. Wt. |         |
|---------------------|------------|---------------------|------------------|------|--------------------|------|----------------|------|------------|------|-------------|---------|
|                     | (AWG)      | # Strands           | Diam. Of Strands |      | (in)               | (mm) | (in)           | (mm) | (in)       | (mm) | (lb./kft)   | (kg/km) |
|                     |            |                     | (in)             | (mm) |                    |      |                |      |            |      |             |         |
| 3110201             | 16         | 7                   | 0.020            | 0.5  | 0.059              | 1.5  | 0.015          | 0.39 | 0.090      | 2.28 | 10.31       | 15.34   |
| 3110202             | 17         | 32                  | 0.008            | 0.2  | 0.053              | 1.34 | 0.015          | 0.39 | 0.083      | 2.12 | 8.60        | 12.79   |
| 3110203             | 18         | 7                   | 0.016            | 0.4  | 0.047              | 1.2  | 0.015          | 0.39 | 0.078      | 1.98 | 6.88        | 24.40   |
| 3110204             | 20         | 7                   | 0.013            | 0.32 | 0.038              | 0.96 | 0.015          | 0.39 | 0.069      | 1.74 | 4.77        | 16.40   |
| 3110205             | 22         | 7                   | 0.010            | 0.26 | 0.031              | 0.78 | 0.015          | 0.39 | 0.061      | 1.56 | 3.40        | 14.80   |
| 3110206             | 24         | 7                   | 0.008            | 0.2  | 0.024              | 0.6  | 0.015          | 0.39 | 0.054      | 1.38 | 2.49        | 13.10   |
| 3110207             | 26         | 7                   | 0.006            | 0.16 | 0.019              | 0.48 | 0.015          | 0.39 | 0.050      | 1.26 | 1.89        | 2.81    |
| 3110208             | 28         | 7                   | 0.005            | 0.12 | 0.014              | 0.36 | 0.015          | 0.39 | 0.045      | 1.14 | 1.45        | 2.16    |
| 3110209             | 30         | 7                   | 0.004            | 0.1  | 0.012              | 0.3  | 0.015          | 0.39 | 0.043      | 1.08 | 1.06        | 1.58    |

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