# 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

| Casmo 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 |