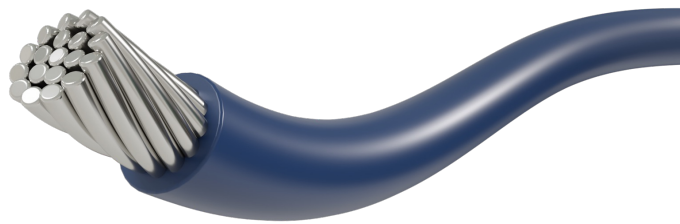


## CASFLON™ 250 UL/cUL

**Style 10818**  
-65°C to +250°C, 600V



### Construction

**Type:** electrical wire

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

**Insulation:** PFA

### Production

**Range width:** AWG 32 to 12

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

### Application

**General use:** internal cabling for electrical appliances or electronic appliances

**Industry:** cabling for industrial machines

**Electromechanics:** cabling for rotating machines

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

### General characteristics

**Weather conditions:** excellent resistance to UV

**Chemical behaviors:** excellent resistance to aggressive chemical environments

**Humidity:** excellent resistance to humidity

**Mechanical behaviors:** excellent mechanical strength

### Thermal characteristics

**Operating temperature:** -65°C to +250 °C

### Electrical characteristics

**Operating Voltage:** 600V

**Test voltage:** 2000 V

### Approvals – Standards

**“Horizontal flame”:** as per UL approval

**“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)  |                    |       |                |      |            |       |             |         |
| 1411302             | 12         | 19                  | 0.019            | 0.49  | 0.096              | 2.45  | 0.020          | 0.51 | 0.14       | 3.47  | 28.10       | 41.82   |
| 1411303             | 14         | 19                  | 0.015            | 0.37  | 0.073              | 1.85  | 0.020          | 0.51 | 0.11       | 2.87  | 18.70       | 24.40   |
| 1411304             | 16         | 19                  | 0.012            | 0.3   | 0.059              | 1.5   | 0.020          | 0.51 | 0.10       | 2.52  | 13.30       | 16.40   |
| 1411305             | 17         | 19                  | 0.010            | 0.26  | 0.051              | 1.3   | 0.020          | 0.51 | 0.09       | 2.32  | 11.95       | 14.80   |
| 1411306             | 18         | 19                  | 0.009            | 0.23  | 0.045              | 1.15  | 0.020          | 0.51 | 0.09       | 2.17  | 10.60       | 13.10   |
| 1411307             | 20         | 19                  | 0.007            | 0.19  | 0.037              | 0.95  | 0.020          | 0.51 | 0.08       | 1.97  | 7.71        | 11.47   |
|                     |            | 1                   | 0.031            | 0.8   | 0.031              | 0.8   | 0.020          | 0.51 | 0.07       | 1.82  | 7.00        | 10.42   |
| 1411308             | 22         | 19                  | 0.006            | 0.16  | 0.031              | 0.8   | 0.020          | 0.51 | 0.07       | 1.82  | 5.78        | 8.60    |
|                     |            | 1                   | 0.026            | 0.65  | 0.026              | 0.65  | 0.020          | 0.51 | 0.07       | 1.67  | 5.03        | 7.49    |
| 1411309             | 24         | 7                   | 0.008            | 0.2   | 0.024              | 0.6   | 0.020          | 0.51 | 0.06       | 1.62  | 4.49        | 6.68    |
|                     |            | 1                   | 0.020            | 0.5   | 0.020              | 0.5   | 0.020          | 0.51 | 0.06       | 1.52  | 4.01        | 5.97    |
| 1411310             | 26         | 7                   | 0.006            | 0.16  | 0.019              | 0.48  | 0.020          | 0.51 | 0.06       | 1.50  | 3.65        | 5.43    |
|                     |            | 1                   | 0.016            | 0.4   | 0.016              | 0.4   | 0.020          | 0.51 | 0.06       | 1.42  | 3.27        | 4.87    |
| 1411311             | 28         | 7                   | 0.005            | 0.12  | 0.014              | 0.36  | 0.020          | 0.51 | 0.05       | 1.38  | 2.92        | 4.35    |
|                     |            | 1                   | 0.013            | 0.32  | 0.013              | 0.32  | 0.020          | 0.51 | 0.05       | 1.34  | 2.78        | 4.14    |
| 1411312             | 30         | 7                   | 0.004            | 0.1   | 0.012              | 0.3   | 0.020          | 0.51 | 0.05       | 1.32  | 2.53        | 3.76    |
|                     |            | 1                   | 0.010            | 0.254 | 0.010              | 0.254 | 0.020          | 0.51 | 0.05       | 1.274 | 2.47        | 3.68    |
| 1411313             | 32         | 7                   | 0.003            | 0.08  | 0.009              | 0.24  | 0.020          | 0.51 | 0.05       | 1.26  | 1.73        | 2.57    |

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