

CASFLON™ 150 UL/cUL

Style 11063

-65°C to 150°C, 600V



Construction

Type: electrical wire

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

Insulation: PFA

Production

Range width: AWG 32 to 16

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 +150°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) |
| 1210701 | 16 | 19 | 0.012 | 0.3 | 0.059 | 1.5 | 0.016 | 0.41 | 0.091 | 2.32 | 11.99 | 17.84 |
| 1210702 | 17 | 19 | 0.010 | 0.26 | 0.051 | 1.3 | 0.016 | 0.41 | 0.083 | 2.12 | 10.75 | 16.00 |
| 1210703 | 18 | 19 | 0.009 | 0.23 | 0.045 | 1.15 | 0.016 | 0.41 | 0.078 | 1.97 | 9.51 | 14.16 |
| 1210704 | 20 | 19 | 0.007 | 0.19 | 0.037 | 0.95 | 0.016 | 0.41 | 0.070 | 1.77 | 6.23 | 9.27 |
| | | 1 | 0.031 | 0.8 | 0.031 | 0.8 | 0.016 | 0.41 | 0.064 | 1.62 | 5.87 | 8.74 |
| 1210705 | 22 | 19 | 0.006 | 0.16 | 0.031 | 0.8 | 0.016 | 0.41 | 0.064 | 1.62 | 4.93 | 7.33 |
| | | 1 | 0.026 | 0.65 | 0.026 | 0.65 | 0.016 | 0.41 | 0.058 | 1.47 | 4.24 | 6.31 |
| 1210706 | 24 | 7 | 0.008 | 0.2 | 0.024 | 0.6 | 0.016 | 0.41 | 0.056 | 1.42 | 3.71 | 5.53 |
| | | 1 | 0.020 | 0.5 | 0.020 | 0.5 | 0.016 | 0.41 | 0.052 | 1.32 | 3.51 | 5.22 |
| 1210707 | 26 | 7 | 0.006 | 0.16 | 0.019 | 0.48 | 0.016 | 0.41 | 0.051 | 1.30 | 2.91 | 4.33 |
| | | 1 | 0.016 | 0.4 | 0.016 | 0.4 | 0.016 | 0.41 | 0.048 | 1.22 | 2.60 | 3.86 |
| 1210708 | 28 | 7 | 0.005 | 0.12 | 0.014 | 0.36 | 0.016 | 0.41 | 0.046 | 1.18 | 2.34 | 3.49 |
| | | 1 | 0.013 | 0.32 | 0.013 | 0.32 | 0.016 | 0.41 | 0.045 | 1.14 | 2.15 | 3.20 |
| 1210709 | 30 | 7 | 0.004 | 0.1 | 0.012 | 0.3 | 0.016 | 0.41 | 0.044 | 1.12 | 1.95 | 2.91 |
| | | 1 | 0.010 | 0.254 | 0.010 | 0.254 | 0.016 | 0.41 | 0.042 | 1.074 | 1.85 | 2.75 |
| 1210710 | 32 | 7 | 0.003 | 0.08 | 0.009 | 0.24 | 0.016 | 0.41 | 0.042 | 1.06 | 1.48 | 2.20 |
| | | 1 | 0.008 | 0.20 | 0.008 | 0.2 | 0.016 | 0.41 | 0.040 | 1.02 | 1.34 | 2.00 |

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