

CASFLON™ 150 UL/cUL

Style 1858

-65°C to 150°C, 300V



Construction

Type: electrical wire

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

Insulation: PFA

Production

Range width: AWG 32 to 10

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: 300V

Test voltage: 1300 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) | | | | | | | | |
| 1210501 | 10 | 37 | 0.017 | 0.43 | 0.119 | 3.01 | 0.013 | 0.33 | 0.144 | 3.67 | 34.90 | 51.93 |
| 1210502 | 12 | 19 | 0.019 | 0.49 | 0.096 | 2.45 | 0.013 | 0.33 | 0.122 | 3.11 | 23.47 | 34.93 |
| 1210503 | 14 | 19 | 0.015 | 0.37 | 0.073 | 1.85 | 0.013 | 0.33 | 0.099 | 2.51 | 17.10 | 24.40 |
| 1210504 | 16 | 19 | 0.012 | 0.3 | 0.059 | 1.5 | 0.013 | 0.33 | 0.085 | 2.16 | 11.00 | 16.40 |
| 1210505 | 17 | 19 | 0.010 | 0.26 | 0.051 | 1.3 | 0.013 | 0.33 | 0.077 | 1.96 | 9.85 | 14.80 |
| 1210506 | 18 | 19 | 0.009 | 0.23 | 0.045 | 1.15 | 0.013 | 0.33 | 0.071 | 1.81 | 8.70 | 13.10 |
| 1210507 | 20 | 19 | 0.007 | 0.19 | 0.037 | 0.95 | 0.013 | 0.33 | 0.063 | 1.61 | 5.12 | 7.62 |
| | | 1 | 0.031 | 0.8 | 0.031 | 0.8 | 0.013 | 0.33 | 0.057 | 1.46 | 5.03 | 7.49 |
| 1210508 | 22 | 19 | 0.006 | 0.16 | 0.031 | 0.8 | 0.013 | 0.33 | 0.057 | 1.46 | 4.29 | 6.38 |
| | | 1 | 0.026 | 0.65 | 0.026 | 0.65 | 0.013 | 0.33 | 0.052 | 1.31 | 3.65 | 5.43 |
| 1210509 | 24 | 7 | 0.008 | 0.2 | 0.024 | 0.6 | 0.013 | 0.33 | 0.050 | 1.26 | 3.13 | 4.66 |
| | | 1 | 0.020 | 0.5 | 0.020 | 0.5 | 0.013 | 0.33 | 0.046 | 1.16 | 3.13 | 4.66 |
| 1210510 | 26 | 7 | 0.006 | 0.16 | 0.019 | 0.48 | 0.013 | 0.33 | 0.045 | 1.14 | 2.36 | 3.51 |
| | | 1 | 0.016 | 0.4 | 0.016 | 0.4 | 0.013 | 0.33 | 0.042 | 1.06 | 2.09 | 3.11 |
| 1210511 | 28 | 7 | 0.005 | 0.12 | 0.014 | 0.36 | 0.013 | 0.33 | 0.040 | 1.02 | 1.91 | 2.84 |
| | | 1 | 0.013 | 0.32 | 0.013 | 0.32 | 0.013 | 0.33 | 0.039 | 0.98 | 1.68 | 2.50 |
| 1210512 | 30 | 7 | 0.004 | 0.1 | 0.012 | 0.3 | 0.013 | 0.33 | 0.038 | 0.96 | 1.52 | 2.26 |
| | | 1 | 0.010 | 0.254 | 0.010 | 0.254 | 0.013 | 0.33 | 0.036 | 0.914 | 1.38 | 2.05 |

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| | | | (in) | (mm) | | | | | | | | |
| 1210513 | 32 | 7 | 0.003 | 0.08 | 0.009 | 0.24 | 0.013 | 0.33 | 0.035 | 0.90 | 1.29 | 1.92 |
| | | 1 | 0.008 | 0.20 | 0.008 | 0.2 | 0.013 | 0.33 | 0.034 | 0.86 | 1.09 | 1.62 |

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