

FEP 200°C 600V UL Type FEPB

Flexible UL/CSA Approved Lead Wire, Temp Rating 200°C

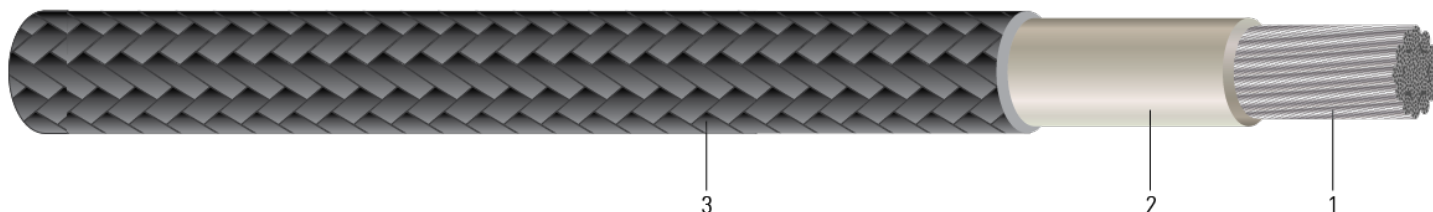


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded tinned, annealed copper per ASTM B33
2. **Insulation:** Extruded FEP fluoropolymer
3. **Jacket:** Treated fiberglass braid

APPLICATIONS AND FEATURES:

For use in accordance with the National Electric Code, Article 310. 200°C dry locations - special applications. 90°C dry and damp locations.

Excellent chemical resistance, excellent resistance to fluids, and low coefficient of friction makes installation easier. Flexible. Good mechanical strength. Available in all colors.

SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- UL AWM Appliance wire approvals as listed in Table 1
- CSA AWM I A/B 600 FT1 FT2
- RoHS-3 Complies with European Directive 2015/863



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Table 1 – Weights and Measurements

| Stock Number | Cond. Size AWG/Kcmil | Cond. Strands strand | Insul. Thickness mil | Approx. OD inch | Approx. Weight lb/1000ft | Temp. Rating °C | Standard (UL or other) Style/Type |
|--------------|-------------------------|-------------------------|-------------------------|--------------------|-----------------------------|--------------------|--------------------------------------|
| C3146G | 14 | 7/.0242 | 14 | 0.110 | 16 | 200 | FEPB |
| C3126G | 12 | 19/.0179 | 14 | 0.130 | 25 | 200 | FEPB |
| C3106G | 10 | 37/.0159 | 14 | 0.160 | 35 | 200 | FEPB |
| C3086G | 8 | 54/.0179 | 14 | 0.205 | 60 | 200 | FEPB |
| C3066G | 6 | 84/.0179 | 14 | 0.220 | 95 | 200 | FEPB |
| C3046G | 4 | 133/.0177 | 14 | 0.280 | 145 | 200 | FEPB |
| C3026G | 2 | 133/.0223 | 14 | 0.320 | 220 | 200 | FEPB |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

Dimensions and weights for other cable configurations are available upon request.

Table 2 – Weights and Measurements (Metric)

| Stock Number | Cond. Size AWG/Kcmil | Cond. Strands strand | Insul. Thickness mm | Approx. OD mm | Approx. Weight kg/km | Temp. Rating °C | Standard (UL or other) Style/Type |
|--------------|-------------------------|-------------------------|------------------------|------------------|-------------------------|--------------------|--------------------------------------|
| C3146G | 14 | 7/.0242 | 0.36 | 2.79 | 24 | 200 | FEPB |
| C3126G | 12 | 19/.0179 | 0.36 | 3.30 | 37 | 200 | FEPB |
| C3106G | 10 | 37/.0159 | 0.36 | 4.06 | 52 | 200 | FEPB |
| C3086G | 8 | 54/.0179 | 0.36 | 5.21 | 89 | 200 | FEPB |
| C3066G | 6 | 84/.0179 | 0.36 | 5.59 | 141 | 200 | FEPB |
| C3046G | 4 | 133/.0177 | 0.36 | 7.11 | 216 | 200 | FEPB |
| C3026G | 2 | 133/.0223 | 0.36 | 8.13 | 327 | 200 | FEPB |

