



## FEP 200°C 600V UL Type FEPB

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

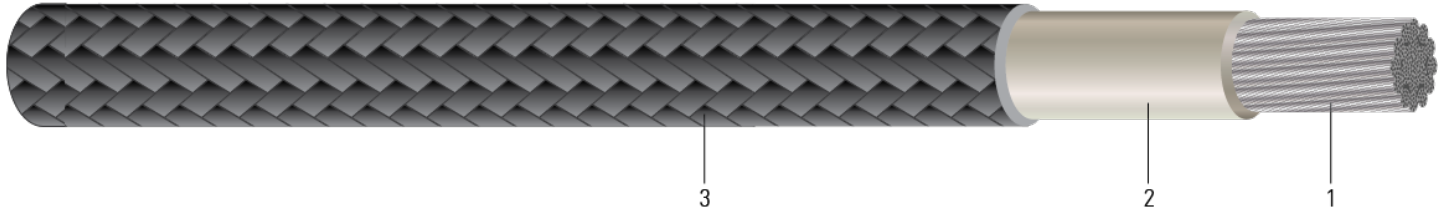


Image not to scale. See Table 1 for dimensions.

### 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





**Table 1 – Weights and Measurements**

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

TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

**Table 2 – Weights and Measurements (Metric)**

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

