

TGGT 250°C 600V UL 5214

Flexible Appliance and Industrial Lead Wire - Features Excellent Non-Fray Properties, Temp Rating 250°C

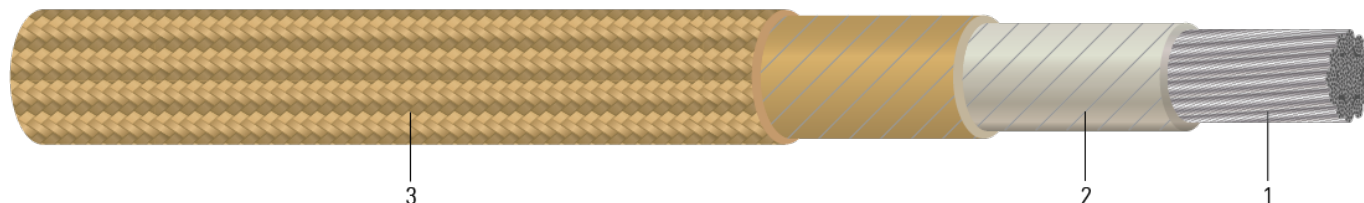


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- 1. Conductor:** flexible stranded nickel plated, annealed copper
- 2. Insulation:** PTFE Fluoropolymer tapes covered by wrapped fiberglass yarns
- 3. Jacket:** A fiberglass braid jacket is applied over the insulation, then treated with a high-temperature saturant. Natural color is tan.

APPLICATIONS AND FEATURES:

Used for the internal wiring of commercial, industrial, and household ovens as well as cooking equipment. Suited for severe hot spot locations in industrial processing.

Excellent moisture resistance, provides thermal and flame resistance, and good flexibility. High dielectric strength and low power factor without cold flow. Colors available upon request.

SPECIFICATIONS:

- UL AWM Appliance wire approvals as listed in Table 1
- CSA AWM I A/B FT1
- RoHS-3 Complies with European Directive 2015/863



Southwire Company, LLC | One Southwire Drive, Carrollton, GA 30119 | www.southwire.com

Copyright © 2022 Southwire Company, LLC. All Rights Reserved



Southwire

**CABLETECH
SUPPORT™**

Services

SPEC 42043 DATE: 08/10/2022 20:30 UTC Rev: 3.0.00M

Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Cond. Strands | Insul. Thickness | Braid | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|--------------|------------|---------------|------------------|-------|------------|----------------|--------------|------------------------|
| | AWG/Kcmil | strand | mil | mil | inch | lb/1000ft | °C | Style/Type |
| C122409 | 24 | 7/.0080 | 10 | 5 | 0.070 | 4.5 | 250 | 5214 |
| C12220 | 22 | 7/.0100 | 10 | 5 | 0.075 | 6.75 | 250 | 5214 |
| C12010 | 20 | 10/.0100 | 10 | 5 | 0.092 | 10 | 250 | 5214 |
| C11813 | 18 | 16/.0100 | 10 | 5 | 0.102 | 13 | 250 | 5214 |
| C11602 | 16 | 26/.0100 | 12 | 5 | 0.115 | 17 | 250 | 5214 |
| C11402 | 14 | 41/.0100 | 12 | 5 | 0.130 | 23 | 250 | 5214 |
| C11203 | 12 | 65/.0100 | 12 | 5 | 0.150 | 32 | 250 | 5214 |
| C11021 | 10 | 105/.0100 | 12 | 5 | 0.175 | 48 | 250 | 5214 |
| C10809 | 8 | 133/.0111 | 12 | 5 | 0.235 | 72 | 250 | 5214 |
| C10602 | 6 | 133/.0142 | 15 | 6 | 0.310 | 120 | 250 | 5214 |
| C10403 | 4 | 133/.0177 | 15 | 6 | 0.365 | 175 | 250 | 5214 |
| C10201 | 2 | 133/.0223 | 15 | 6 | 0.435 | 271 | 250 | 5214 |

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 | Cond. Strands | Insul. Thickness | Braid | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|--------------|------------|---------------|------------------|-------|------------|----------------|--------------|------------------------|
| | AWG/Kcmil | strand | mm | mm | mm | kg/km | °C | Style/Type |
| C122409 | 24 | 7/.0080 | 0.25 | 0.13 | 1.78 | 7 | 250 | 5214 |
| C12220 | 22 | 7/.0100 | 0.25 | 0.13 | 1.90 | 10 | 250 | 5214 |
| C12010 | 20 | 10/.0100 | 0.25 | 0.13 | 2.34 | 15 | 250 | 5214 |
| C11813 | 18 | 16/.0100 | 0.25 | 0.13 | 2.59 | 19 | 250 | 5214 |
| C11602 | 16 | 26/.0100 | 0.30 | 0.13 | 2.92 | 25 | 250 | 5214 |
| C11402 | 14 | 41/.0100 | 0.30 | 0.13 | 3.30 | 34 | 250 | 5214 |
| C11203 | 12 | 65/.0100 | 0.30 | 0.13 | 3.81 | 48 | 250 | 5214 |
| C11021 | 10 | 105/.0100 | 0.30 | 0.13 | 4.44 | 71 | 250 | 5214 |
| C10809 | 8 | 133/.0111 | 0.30 | 0.13 | 5.97 | 107 | 250 | 5214 |
| C10602 | 6 | 133/.0142 | 0.38 | 0.15 | 7.87 | 179 | 250 | 5214 |
| C10403 | 4 | 133/.0177 | 0.38 | 0.15 | 9.27 | 260 | 250 | 5214 |
| C10201 | 2 | 133/.0223 | 0.38 | 0.15 | 11.05 | 403 | 250 | 5214 |

