TGGT 250°C 600V UL 5214

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

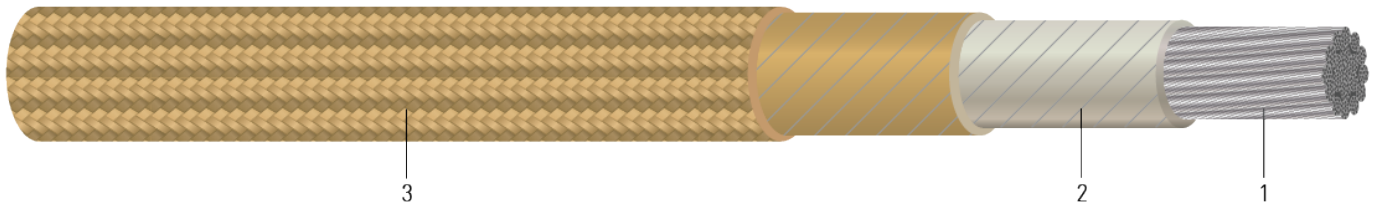

Image not to scale. See Table 1 for dimensions.

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

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
C11813	18	16/.0100	10	5	0.102	13	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
C11813	18	16/.0100	0.25	0.13	2.59	19	250	5214