

## TGGTG CABLES

TGGTG Power Cable - Flexible Premium High Temperature Cable, Temp Rating 250°C, 600V



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 yarn
3. **Braid:** Fiberglass braid jacket is applied over the insulation
4. **Cabling:** Conductors are cabled with a left hand lay and bound with a polyester tape
5. **Jacket:** Fiberglass braid jacket is applied over the insulation, then treated with a high temperature saturant

### APPLICATIONS AND FEATURES:

Used in wiring equipment.

Excellent flame resistance, good weathering, sunlight, ozone, and corona resistance, and good flexibility without cold flow. Also available in Power and Instrumentation Cables.

### SPECIFICATIONS:

- RoHS-3 Complies with European Directive 2015/863

**Table 1 – Weights and Measurements**

| Stock Number | Cond. Size | Cond. Number | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|--------------|------------|--------------|------------|----------------|--------------|------------------------|
|              | AWG/Kcmil  | No.          | inch       | lb/1000ft      | °C           | Style/Type             |
| C53530       | 10         | 12           | 0.930      | 648            | 250          | UL                     |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

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

| Stock Number | Cond. Size | Cond. Number | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|--------------|------------|--------------|------------|----------------|--------------|------------------------|
|              | AWG/Kcmil  | No.          | mm         | kg/km          | °C           | Style/Type             |
| C53530       | 10         | 12           | 23.62      | 964            | 250          | UL                     |

