

## 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:

- Conductor:** Flexible stranded nickel plated, annealed copper
- Insulation:** PTFE Fluoropolymer tapes covered by wrapped fiberglass yarn
- Braid:** Fiberglass braid jacket is applied over the insulation
- Cabling:** Conductors are cabled with a left hand lay and bound with a polyester tape
- 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<br>AWG/Kcmil | Cond. Number<br>No. | Approx. OD<br>inch | Approx. Weight<br>lb/1000ft | Temp. Rating<br>°C | Standard (UL or other)<br>Style/Type |
|--------------|-------------------------|---------------------|--------------------|-----------------------------|--------------------|--------------------------------------|
| C53430       | 12                      | 12                  | 0.680              | 393                         | 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<br>AWG/Kcmil | Cond. Number<br>No. | Approx. OD<br>mm | Approx. Weight<br>kg/km | Temp. Rating<br>°C | Standard (UL or other)<br>Style/Type |
|--------------|-------------------------|---------------------|------------------|-------------------------|--------------------|--------------------------------------|
| C53430       | 12                      | 12                  | 17.27            | 585                     | 250                | UL                                   |

