Specification Sheet

BWC Part Number #: 1402-VNQ

14 AWG 2-Conductor 600V Control Tray Cable

Application

This is a 600V control tray cable designed for a wide range of uses. As a quad-rated cable (TC, PLTC, NPLF & FPL), it is suitable for power-limited and non-power-limited circuits. It is approved for applications requiring sunlight and oil resistance (SUN RES, OIL RES I), is rated for direct burial (DIR BUR), and can be used in wet or dry locations up to 90°C. This cable is also suitable for use in Class I, Division II hazardous locations, with installation guidelines found in NEC (NFPA 70) articles 336, 760, and 725.

Construction

- **Conductor**
  - Material: Annealed Bare Copper
  - Size & Stranding: 14 AWG, 7 Strands (Class B)
  - Conductor Count: 2
- **Ground Conductor**
  - Material: Uninsulated Bare Copper
  - Size & Stranding: 14 AWG, 7 Strands
- **Insulation**
  - Material: Polyvinylchloride (PVC) with a Nylon overcoat
  - Wall Thickness: 0.015” PVC & 0.005” Nylon
  - Color Code: Method 1, Table E-2
- **Assembly**
  - Lay Length: 3.50” Left-Hand Lay
  - Binder: Clear Mylar
- **Jacket**
  - Material: Polyvinylchloride (PVC)
  - Wall Thickness: 0.045”
  - Nominal Diameter: 0.312”
  - Color: Black
  - Ripcord: Yes

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- **Physical Properties**
  - Weight: 74 lbs./Mft.
  - Cold Bend Rating: -40°C

Standards & Approvals

- UL listed as Type TC-ER per UL Standard 1277.
- UL listed as Quad Rated: TC, PLTC, NPLF & FPL per UL standard 1425.
- UL approved for Direct Burial, Sunlight Resistant, and Oil Resistant I applications.
- Meets UL 1581 & 1202 (FT-4) and ICEA T-29-520 flame test requirements.
- Meets ICEA S-73-532 where applicable.
- All materials are RoHS II & REACH compliant.
- Made in the USA.

Cable Marking

- Print Legend: 14AWG 2C (UL) NPLF 90'C 150V PVC/N OR PLTC OR FPL OR TC-ER 600V 90'C DRY/WET SUN RES DIR BUR OIL RES I UNINSULATED GROUND PVC JACKET FT4 "ROHS II" REACH MADE IN USA

ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION. BEST WIRE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO BEST WIRE AT THE TIME OF DESIGN.