

Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

Green THW-2 Sun Resistant
Indoor/Outdoor Ground Wire
6 AWG 1 conductor 7 stranded
Tinned Copper

WR-61TC-803

Description: 6 AWG 1 conductor 7 stranded tinned copper with polyvinylchloride insulation, approved for use in THW-2 applications.

1. Conductor

- 1.1. AWG Size & Stranding: 6 AWG 7 Strand
- 1.2. Material: Annealed Tinned Copper
- 1.3. Conductor Count: 1 Conductor

2. Insulation

- 2.1. Material: Polyvinylchloride
- 2.2. Wall Thickness: 0.060"
- 2.3. Color Code: Green
- 2.4. Diameter: 0.304"
- 2.5. Weight: 115 lbs./Mft.

3. Assembly

- 3.1. Lay Length: N/A
- 3.2. Fillers: N/A
- 3.3. Binder: N/A
- 3.4. Shield: N/A
- 3.5. Drain Wire: N/A

4. Markings

- 4.1. Type: Conductors shall be permanently identified via surface inkjet print
- 4.2. Legend: .Rosenberger E206524 (UL) THW-2 600V 90°C DRY/WET VW-1 6AWG SUN RES
"ROHS II" REACH MADE IN USA
- 4.3. Footage Markers: No

5. Standards

- 5.1. Insulation Approved for Sunlight resistance & Oil Resistant and meets UL 83 Type THW-2
- 5.2. Cold bend temperature -40°C rating per UL 83 standard
- 5.3. Conductor passes VW-1 Flame Test
- 5.4. UL approved for Sunlight and Oil Resistant applications
- 5.5. Meets ICEA S-95-658, where applicable
- 5.6. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 5.7. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

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