P.O. Box 368, Union, NJ 07083-0368, 908-687-7810, 800-327-2443, Fax: 908-687-8860

Paige® spec

PAIGE ELECTRIC PART NUMBER 451804WDB

Description: 18 AWG 4 conductor 7 strand bare copper with polyvinylchloride and nylon insulation, unshielded, a water blocking tape with an overall PVC jacket 600V control tray cable, PLTC, NPLF & FPL, approved for use in SUN RES DIR BUR OIL RES I 90°C applications.

1. **Conductor**
   - 1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
   - 1.2. Material: Annealed Bare Copper
   - 1.3. Conductor Count: 4 Conductors

2. **Insulation**
   - 2.1. Material: Polyvinylchloride & Nylon
   - 2.2. Wall Thickness: 0.015" PVC & 0.005" Nylon
   - 2.3. Color Code: Black, Red, White, Green

3. **Assembly**
   - 3.1. Lay Length: 3.25" LHL
   - 3.2. Fillers: N/A
   - 3.3. Shield: N/A
   - 3.4. Drain Wire: N/A
   - 3.5. Barrier Tape: Water Blocking Tape

4. **Jacket**
   - 4.1. Material: Polyvinylchloride
   - 4.2. Wall Thickness: 0.045"
   - 4.3. Diameter: 0.322"
   - 4.4. Color: Black
   - 4.5. Ripcord: Yes
   - 4.6. Cold Bend Rating: -40°C
   - 4.7. Weight: 59 lbs/Mft

5. **Markings**
   - 5.1. Type: Cable shall be permanently identified via surface inkjet print
   - 5.2. Legend: PAIGE ELEC 18AWG 4/C OAS E207231 (UL) NPLF OR TC-ER OR PLTC OR FPL PVC/NYLON 600V 90'C DRY/WET PVC JACKET SUN RES DIR BUR OIL RES I FT4 "ROHS II COMPLIANT" REACH MADE IN USA
   - 5.3. Footage Markers: Yes (Ascending & Descending)

6. **Standards**
   - 6.1. Refer to NEC (NFPA 70) article 336 for installation guidelines
   - 6.2. Cable is suitable for use in Class I Division II hazardous locations
   - 6.3. UL listed as Type TC-ER per UL Standard 1277 for tray cables and Quad Rated TC, PLTC, NPLF & FPL
   - 6.4. UL approved for Direct Burial, Sunlight and Oil I Resistant applications
   - 6.5. Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
   - 6.6. Meets ICEA S-73-532, where applicable
   - 6.7. All materials used in the manufacture of this cable are RoHS II & REACH compliant
   - 6.8. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION