

## Specification & Technical Data Sheet

Part Number: RWC-DB182C

18-02 NS STR DIRECT BURIAL

### 1. Conductor

- AWG Size: 18
- Type: 7 Strand Bare Copper

### 2. Insulation

- Material: Polyvinylchloride & Nylon
- Wall Thickness: 0.020"
- Color Code: 1-Black; 2-Red

### 3. Assembly

- Cable Lay Length: 2.50" LHL
- Shield: Nonshielded
- Drain: N/A
- Braid:

### 4. Jacket

- Material: Polyvinylchloride
- Wall Thickness: 0.045"
- Diameter: 0.270"
- Color: Black
- Ripcord: Yes
- Weight: 42 lbs/Mft.

### 5. Markings

- Type: Inkjet Printer
- Legend: 18AWG 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
- Footage Markers: Yes

### 6. Electricals

- Impedance:  $\Omega$ /Mft.
- Capacitance: pF/ft +/- 10%
- DC Resistance:  $\Omega$ /Mft. @ 20°C

### 7. Standards

- Cable suitable for installation under NEC (NFPA 70) articles 336, 760 and 725 guidelines
- Cable is suitable for use in Class I Division II hazardous locations
- UL listed as Type TC-ER per UL Standard 1277 and Quad Rated TC, PLTC, NPLF & FPL per UL standard 1425
- UL approved for Direct Burial, Sunlight and Oil I Resistant applications
- Cable meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- Made in the USA