

2 CONDUCTOR 18 AWG STRANDED WATERBLOCK DIRECT BURIAL TYPE CM/TC/FPL/DB



1.0 SCOPE:

- 1.1** This cable consists of 2 conductors 18 AWG stranded bare copper; color coded PVC and nylon insulation; overall waterblocking tape; overall black sunlight resistant PVC jacket. Type CM/TC/FPL/DB
UL Standards 444 & 1424
NEC Articles 760 & 800
UL 1581

2.0 CONSTRUCTION:

2.1 CONDUCTOR:

- 2.1.1 Material: Bare Copper
2.1.2 Size: 18 AWG
2.1.3 Construction: 7 x 26

2.2 INSULATION:

- 2.2.1 Material 1: PVC
2.2.2 Material 1 Thickness: .015" nom.
2.2.3 Material 2: Nylon
2.2.4 Material 2 Thickness: .005"
2.2.5 Color code:
1-Black
2-Red

2.3 WATERBLOCK:

- 2.3.1 Material : Moisture Barrier Tape

2.4 JACKET:

- 2.4.1 Material: PVC
2.4.2 Wall Thickness: .040" nom.
2.4.3 OD: .260" nom.
2.4.4 Color: Black
2.4.5 Markings: PAIGE ELECTRIC #451802WDB
18 AWG 2/C DIRECT BURIAL (UL) TYPE
CM/TC/FPL/DB SUN RES Exxxxxx

2.5 ELECTRICAL PROPERTIES

- 2.5.1 Temperature: -20°C to 105°C
2.5.2 Voltage: 600 Volt
2.5.3 Capacitance: 29.4 pF/ft nom.
2.5.4 Impedance: 74 Ohms
2.5.5 Velocity of Propagation: 46.6%
2.5.6 DC Resistance: 6.92 Ohms/M' @ 68°F

2.6 PUT-UPS:

- 2.6.1 1000' Reel
2.6.2 Weight: 38 lbs / 1000'

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