



P.O. Box 368, Union, NJ 07083-0368, 908-687-7810, 800-327-2443, www.paigeelectric.com

SIGNWIRE

spec

**9841814M 1000 ft.
9841814L 500 ft.**



LED WIRE

18 AWG 2 CONDUCTOR

WITH 14 AWG GROUND CONDUCTOR

Application: This cable consists of 2 conductor 18 AWG stranded tinned copper conductor and a 14 AWG stranded bare copper conductor. UL Listed for sunlight resistant applications. RoHs II/REACH Compliant. Made in the USA.



1.0 COMPONENT A:

1.1 Conductor:

- 1.1.1 Material: Tinned Copper
- 1.1.2 Size: 18 AWG
- 1.1.3 Stranding: 7 Strands

1.2 Insulation:

- 1.2.1 Material: Integral Polyvinyl Chloride pressure extruded
- 1.2.2 Wall Thickness: .025" nom.
- 1.2.3 Conductor Diameter:
 - 1.2.3.1 Width: .349" +/- .015"
 - 1.2.3.2 Thickness: .094" nom.
- 1.2.4 Color Code: Light Blue/Red stripe on one #18, light blue

2.0 COMPONENT B:

2.1 Conductor:

- 2.1.1 Material: Bare Copper
- 2.1.2 Size: 14 AWG
- 2.1.3 Stranding: 19 Strands

2.2 Insulation:

- 2.2.1 Material: Integral Polyvinyl Chloride pressure extruded
- 2.2.2 Wall Thickness: .025" nom.
- 2.2.3 Conductor Diameter:
 - 2.2.3.1 Width: .349" +/- .015"
 - 2.2.3.2 Thickness: .123" nom.
- 2.2.4 Color Code: Light Blue

3.0 ASSEMBLY: (COMPONENT A&B)

- 3.1 Pulled in parallel at jacketing for a zip-cord construction.

4.0 MARKING:

- 4.1 PAIGE RIP STRIP™ 2 GROUND P/N (*SEE BELOW) CONDUIT NOT REQUIRED E191597 (UL)CL2 14AWG 1C + 18AWG 2C 105C SUN-RES OR cRU AWM I A/B 105C 600V FT1 FT2 OR LV LED WIRE 600V MAX105C LED3-618-14 ROHS II REACH MOISTURE RESISTANT MADE IN USA WWW.PAIGEELECTRIC.COM (sequential footage markers)

*9841814M – 1000 ft. reel
9841814L – 500 ft. box

5.0 TEMPERATURE/VOLTAGE:

- 5.1 105°C / 600V

6.0 PACKAGING:

- 6.1 P/N 9841814M – 1000 ft. reel
- 6.2 P/N 9841814L – 500 ft. box

