



SIGNWIRE spec 989200



PAIGE LED CABLE 2 CONDUCTOR 18 AWG PLENUM LED 150°C, C(UL)US FT-6

RoHS 

2 Conductor 18 AWG stranded tinned copper conductor.

RoHS Compliant – UL Listed for sunlight and moisture resistant applications.

This breakthrough in technology features a high temperature plenum cable recommended for use outdoors on channel letters that are on the outside of a building as well as on the inside of a building in plenum spaces without conduit.

Specifically engineered for use where exposed to UV (sunlight) or moisture.

Huge savings in both installation and labor costs are realized compared to using Class 2 or Class 3 wires that must be installed in conduit.

CAUTION: Common plenum wire cannot be exposed to moisture and/or sunlight and can only be used on 60°C secondary circuits. No standard current plenum cables are rated for outside use (inside an exterior channel letter is classified as an outside location). Paige Plenum LED Cable solves this problem.

1.0 CONSTRUCTION

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: Polyvinylidene Fluoride (PVDF)
- 1.2.2 Wall Thickness: .030"
- 1.2.3 Color Code: Light Blue, Light Blue with Black stripe

1.3 Assembly:

- 1.3.1 O.D.: .105" x .215"

1.4 Markings:

- 1.4.1 Cable shall be permanently identified via surface inkjet print
- 1.4.2 "PAIGE 989200 /// LED PLENUM MOISTURE RESISTANT OUTDOOR USE //// E191596-01 18AWG 2C (UL) CMP C(UL)US OR (UL) CL3P 150°C FT-6 ROHS COMPLIANT" (Ascending/Descending footage markers)

1.5 Temperature / Voltage:

- 1.5.1 150°C

1.6 Put-Ups:

- 1.6.1 100 ft. bags + 100 ft. plastic spools

To Strip: First cut the web between the two conductors for about 1 inch grabbing both ends. Then just pull apart to the desired working length and strip the insulation from the 18 AWG conductor with a sharp 18 AWG wire stripper.



<http://www.paigeelectric.com/SignWireProducts/SignWireProducts.html>



<http://www.paigeelectric.com/SignWireProducts/SignWire/led.sign.html>



Plus Simple separation of black and blue insulated conductors – “JUST RIP”

Plus One tool stripping. A simple wire stripper with 16/18 ga. openings

Plus No more box knives to remove the outer jacket

Plus No more nicked insulators

Plus Time and labor saving

Plus 50% faster to strip and ready for connections

Plus Faster, easier, safer than conventional round cable

Plus Can be used inside or outside