



## Multi-conductor Cables, 18AWG, Plenum-Rated



1. **Scope:** 18AWG stranded bare copper wire (7strands), plenum-rated PVC insulation, unshielded, with an overall plenum rated PVC jacket. For indoor wiring of 24-volt irrigation controller outputs to solenoid valves. The cables are designed for use through walls, attics, etc. Usually used for projects such as green roofs.

### 2. Conductor

2.1 Size & Stranding: 18 AWG 7 Strands Class B

2.2 Material: Annealed Bare Copper

2.3 Conductor Count and Part Numbers:

Paige No.	Description	Conductor Colors	O.D.	Lbs./1000'
2U18042B1	18AWG/4C	Black, Red, White & Green	0.170"	31
2U18062B1	18AWG/6C	Black, Red, White, Green, Brown & Blue	0.210"	46
454692AWH	18AWG/8C	Black, Red, White, Green, Brown, Blue, Orange & Yellow	0.226"	59
Other conductor counts are available upon request				

### 3. Insulation

3.1 Material: Plenum Rated Polyvinylchloride

3.2 Wall Thickness: 0.007"

### 4. Assembly

4.1 Nominal Lay Length: 3.00" LHL (4 Twists/Foot)

### 5. Jacket

5.1 Material: Plenum Rated Polyvinylchloride

5.2 Wall Thickness: 0.015"

5.3 Diameter: 0.140"

5.4 Color: Natural

5.5 Ripcord: Yes

### 6. Markings

6.1 Type: Cable shall be permanently identified via surface inkjet print

6.2 Legend: 18AWG 4/6/8C (UL) CMP C(UL)US or (UL) CL3P 75°C FT-6 "ROHS"

6.3 Footage Markers: Yes

### 7. Standards

7.1 Refer to NEC (NFPA 70) article 725 and article 800 for installation guidelines

7.2 Listed as type CL3P per UL standard 13 and as type CMP c(UL)us 75°C FT-6 per UL standard 444

7.3 All materials used in the manufacture of this cable are RoHS compliant

7.4 Recommended Operating Voltage: 300V

