



Decoder/2-Wire Systems Cables, 14 & 12AWG, Plenum-Rated



1. **Scope:** These plenum-rated cables are designed for indoor wiring of Decoder/2-Wire irrigation systems. PVC insulation, shielded, with an overall plenum rated PVC jacket. The cables are designed for use through walls, attics, etc. Usually used for projects such as green roofs.

2. Conductor

2.1 Size & Stranding: 14 & 12AWG 19 Strands Class C

2.2 Material: Annealed Bare Copper

2.3 Conductor Count and Part Numbers:

Paige No.	Description	Conductor Colors	O.D.	Lbs./1000'
454696AWH	14AWG/2C	Black & White	0.213"	38
454698AWHL	12AWG/2C		0.246"	56

3. Insulation

3.1 Material: Plenum Rated Polyvinylchloride

3.2 Wall Thickness: 0.009"

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 Color: Natural

5.4 Ripcord: Yes

6. Markings:

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

6.2 Legend: 14 or 12AWG 2C (UL) CL3P OR (UL) FPLP 75'C "ROHS" FT-6

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 FPLP per UL standard 1424

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

7.4 Maximum Voltage: 300V

