Description

This 3-conductor cable is designed to pass power and BPL (Broadband-Over-Power-Line) communication signals to Autoscope Vision traffic detection cameras. Suitable for aerial and duct type installations, this cable typically goes from the Autoscope Comm Manager in the traffic cabinet to the base of the traffic camera pole, where it is then spliced with the drop-cable coming from the Autoscope Vision camera.

Features and Benefits

- Black, white, and green color-coded conductors are easily identifiable to installers and signal technicians as hot, neutral, and earth ground
- Sunlight and moisture resistant PVC outer jacket is durable, yet easy to work with
- 14 AWG conductors are ideal for minimizing voltage drops over long cable runs
- RoHS Compliant

Technical Specifications

Conductors:
- Number of Conductors: 3
- Conductor Material: Bare copper
- Conductor Size: 14 AWG
- Stranding: 19

Insulation:
- Insulation Material: LDPE
- Insulation Thickness: 0.025” Black, White, Green

Outer Jacket:
- Jacket Material: PVC, Sunlight Resistant
- Jacket Thickness: 0.045”
- Nom. Outer Diameter: 0.358” Black

Performance Parameters:
- DC Resistance: 2.73 Ω/Mft at 20°C
- Capacitance: 13.6 pF/ft nom. at 1 kHz
- Impedance: 113 Ω ± 15%, 1-20 MHz
- Nom. Velocity of Prop.: 66.2%

General Parameters:
- Operating Temperature: -30°C to +90°C
- Weight per 1000 feet: 80 lbs
- RoHS Compliant: Yes