

Autoscope® Vision Branch Cable



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"
Color Code	Black, White, Green

Outer Jacket:

Jacket Material	PVC, Sunlight Resistant
Jacket Thickness	0.045"
Nom. Outer Diameter	0.358"
Jacket Color	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