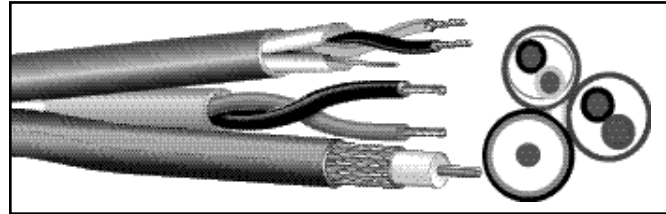


# Special Purpose CCTV Cable

Rev. 1. 1/06

## Description:

- Composite Cable Consisting of:
  - 1- (25224B Type) Power Control Cable
    - 1 pair 18Awg. (7x26) Bare Copper- Unshielded
    - Insulation- Polymer Alloy .010 inch (.25mm)
    - Plenum PVC jacket type - Nom O.D. .138 inch (3.51mm)- Gray
  - 1- (D25293 Type) Data Control Cable
    - 1 pair 18 Awg. (16x30)
    - Teflon insulation (.007") .18 mm
    - Aluminum Polyester Foil 100% + Drain Wire
    - Plenum Rated jacket type (.148") 3.76 mm- Blue
  - 1- (25815 Type) RG59/U Coaxial Cable
    - 20Awg. Solid Bare Copper
    - Gas injected foam FEP insulation .142 inch (3.61mm)
    - 95% Bare Copper Braid with tape barrier
    - Flexible Plenum jacket type - Nom. O.D. .232 inch (5.89mm)- Black



## Overall Assembly: Lickity Split Design

- Nom. O.D .362 inch (9.19 mm)

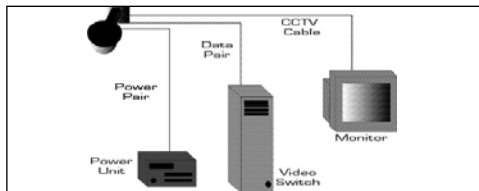
## Applications:

Indoor within duct, plenums and other spaces used for environmental air for:

- Video • Control • Data

## Rating:

- UL listed NEC type CMP as defined in Article 800
- NFPA 262 Flame/ Smoke Test



# WEST PENN WIRE

2833 West Chestnut Street  
Washington, PA 15301

Phone 800-245-4964 • Fax 724-222-6420  
www.westpenn-cdt.com

## Electrical Characteristics: Control Cable

- Nom. D.C.R. 18Awg. -6.2Ω/1000 ft.

## Electrical Characteristics: Data Control Cable

- Nominal capacitance: 30 pf/ft \*, 54pf/ft\*\*
- Nom. D.C.R. : 6.6 Ω/1000 ft.
- Nom. Impedance: 45Ω
- Nom. Velocity of Propogation: 69%

\*Capacitance between conductors.

\*\* Capacitance between one conductor and the other connected to the shield

## Electrical Characteristics: RG59/U Coaxial Cable

- Nominal capacitance: 16.2 pf/ft \*
- Nom. D.C.R. : 10.1 Ω/1000 ft.
- Nom. Impedance: 75Ω
- Nom. Velocity of Propogation: 82%

\* Capacitance between conductors

## Color Code:

Conductors: Communication Control Cable

- Black - Red -

Conductors: Data Control Cable

- Blue - White

## Jacket Colors:

Communication Control Cable:

- Gray

Data Control Cable:

- Blue

RG59/U Coaxial Cable:

- Black

## Overall Jacket Colors:

- Lickity Split Construction

