

## AV - Miniature RGBHV Product Line

### Features and benefits

West Penn Wire RGB cables are designed to meet standard analog video formats, but are designed with future video formats in mind. To accommodate the need for higher frequency, longer distance transmissions and the ability to carry more demanding signal applications such as higher resolution VGA, animation editing, and Hi-Resolution CAD, precision low loss with optimum design is needed. Our cable designs are available in Mini-High Resolution, RG59/u High Resolution and RG6/u Super High Resolution. The unique design of these cables are also makes them ideal for multiple runs of composite video signals such as SDI or HDTV (video snake cable).



### Products- Miniature High Resolution- 25 Awg. Solid

*Miniature- 25 Awg. Solid Bare Copper- 100% Aluminum Foil + 95% Spiral Tinned Coverage*

#### Bulk Cables:

Non-Plenum

5CRGB Non-Plenum - 5 Miniature Coaxial Cables- RGBHV

6CRGB2P Non-Plenum - 6 Miniature Coaxial Cables  
 RGBHV + Composite Video + 2 Pair (Audio)

6CRGB4P Non-Plenum - 6 Miniature Coaxial Cables  
 RGBHV + Composite Video + 4 Pair Cat 5E

Plenum

253CRGB Plenum - 3 Miniature Coaxial Cables- RGB

255CRGB Plenum - 5 Miniature Coaxial Cables- RGBHV

256CRGB2P Plenum - 6 Miniature Coaxial Cables  
 RGBHV + Composite Video + 2 Pair (Audio)

#### Connectors:

CN-BNCP-RGB Compression 75 Ohm BNC Connector

CN-BM74-19 Crimp 75 Ohm BNC Connector

CN-RCP-RGB Compression RCA Connectors

CN-HD15FST HD15- Terminal Block

CN-MX15F HD15- Terminal Block- Max Blox- Female

CN-MX15M HD15- Terminal Block- Max Blox- Male

#### Cable Assemblies: *replace xx with 12,25,50,75,100,150*

CN-5CRGB-xx Non-Plenum 5 BNC to 5 BNC

CN-255CRGB-xx Plenum 5 BNC to 5 BNC

CN255CRGBHDFxx Plenum 5 BNC to HD15(f)

CN255CRGBHDMxx Plenum 5 BNC to HD15(m)

CN255CRGHDFMxx Plenum HD15(f) to HD15(m)

CN255CRBHDMMxx Plenum HD15(m) to HD15(m)

CN-VGAMM-xx Non-Plenum HD15(m) to HD15(m)

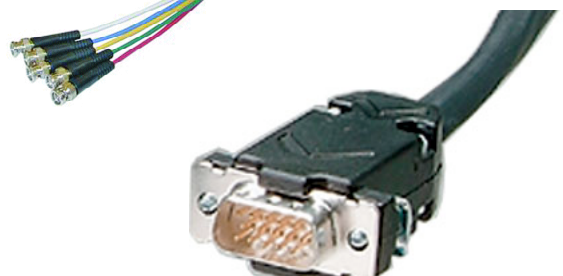
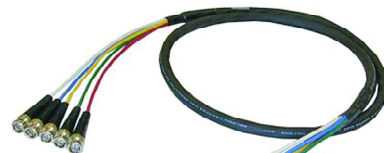
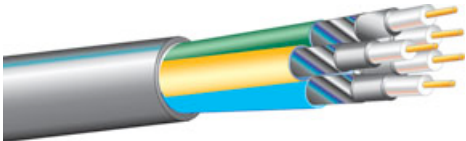
*(replace xx with 6,10,25,50)*

CN-EVGA-xx Non-Plenum 5 BNC (f) to HD15(m)

*(replace xx with 1,3,6,10,15)*

#### Features:

- Miniature sized
- Optimum Electrical Characteristics
- 1 Piece Compression RCA and BNC
- Flexible Plenum Design
- Custom Cable Assemblies available
- Designed for Digital Applications



## AV - Miniature RGBHV Product Line

Products- Miniature High Resolution - 25 Awg. Solid cond.

*Installation Kits: replace xx with 25,50,75,100,150,175*

Non-Plenum

CN5CRGKBHMxx	Non-Plenum HD15 connected to blunt cut 5 BNC 75 Ohm (m) + Heat shrink tubing
CN5CRGKHMfxx	Non-Plenum HD15 connected to Prepared end HD15- Male and Female solder + Heat Shrink tubing
CN5CRGKHTBxx	Non-Plenum HD15 connected to a Prepared end Terminal Block + Heat shrink tubing
CN5CRGKHMxx	Non-Plenum HD15 connected to a Prepared end MaxBlox Terminal Block and hood

Plenum

CN255CRGKBHMxx	Plenum HD15 connected to blunt cut 5 BNC 75 Ohm (m) + Heat shrink tubing
CN255CRGKHMfxx	Plenum HD15 connected to Prepared end HD15- Male and Female solder + Heat Shrink tubing
CN255CRGKHTBxx	Non-Plenum HD15 connected to a Prepared end Terminal Block + Heat shrink tubing
CN255CRGKHMxx	Plenum HD15 connected to a Prepared end MaxBlox Terminal Block and hood



Products- Miniature High Resolution - 26 Awg. Stranded

Miniature- 26 Awg. Stranded Tinned Copper- 100% Aluminum Foil + 95% Spiral Tinned Coverage

*Bulk Cables:*

Plenum

WP258263	Plenum - 3 Miniature Coaxial Cables- RGB
WP258265	Plenum - 5 Miniature Coaxial Cables- RGBHV

*Connectors:*

CN-CSBNC-26	Compression 75 Ohm BNC Connector
CN-BM74-19	Crimp 75 Ohm BNC Connector
CN-CSRCA-26	Compression RCA Connectors
CN-HD15FST	HD15- Terminal Block
CN-MX15F	HD15- Terminal Block- Max Blox- Female
CN-MX15M	HD15- Terminal Block- Max Blox- Male

*Cable Assemblies: replace xx with 12,25,50,75,100,150*

CN-258263-xx	Non-Plenum 3 BNC to 3 BNC
CN258263RCAxx	Non-Plenum 3 RCA to 3 RCA

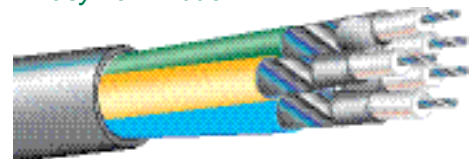
*Installation Kits: replace xx with 25,50,75,100,150,175*

Plenum

CN258265KBHMxx	Plenum HD15 connected to blunt cut 5 BNC 75 Ohm (m) + Heat shrink tubing
CN258265KHMfxx	Plenum HD15 connected to Prepared end HD15- Male and Female solder + Heat Shrink tubing
CN258265KHTBxx	Non-Plenum HD15 connected to a Prepared end Terminal Block + Heat shrink tubing

*Features:*

- Flexible Design
- Exceeds industry 26 Awg Specifications.
- Easy Termination



## AV - Miniature RGBHV Product Line

### Products- Miniature High Resolution - SRL (Structural Return Loss)

P.N. - **255CRGB** - 25 AWG. 5 Coaxial RGBHV Plenum Cable

Structural Return Loss- (SRL)

SRL Specs: SMPTE requires a cable to have: -15dB SRL up to 1 MHz  
West Penn Wire requires a cable to have: -23dB SRL 5-850 MHz  
-21dB SRL 851 MHz- 3 GHz

