

WEST PENN WIRE

Professional Video Solutions: Analog Video

<i>RGBHV</i>	<i>5 Coaxial Design - Analog Video</i>
<i>VGA</i>	<i>5 Coaxial Design - Analog Video</i>
<i>RGB</i>	<i>3 Coaxial Design - Analog Video</i>
<i>S-Video</i>	<i>2 Coaxial Design - Analog Video</i>
<i>Composite</i>	<i>1 Coaxial Design - Analog Video</i>



A RGBHV / SVGA- RGBHV signals are separated into five signal paths

RGB/HV- Red, Green, Blue, Horizontal and Vertical Sync

Application: Connection between video scalers and PC's to Plasma screens, projectors, or other video output devices.

Connection: 75 Ohm BNC

Each component signal is carried over individual coaxial cables. - 5 Coax RGBHV

Distance: Determined by the AWG of the cable and the resolution of the video signals

Cable Design:

5 Coaxial cables ranging from 26AWG to 18AWG.

Popular WPW Cables: Non-Plenum: *5CRGB*

Plenum: *255CRGB*

Connectors:

75 Ohm BNC (Bayonet Neil Concelmen)- Keyed Locking

In pro-video systems proper impedance matching is required.

75 Ohm Connectors:

Crimp style connections are the best mechanical and electrical connections. But there has been an increased quality push towards compression style BNC connections. Compression style connection can be found in a one piece design and have shown increased quality in the mechanical and electrical testing.

West Penn provides both crimp and compression style connections.



75 ohm: Dielectric inside connector body - Teflon



50 ohm: Dielectric to the face of the connector



A RGBHV / SVGA- RGBHV signals are separated into five signal paths

VGA - Video Graphic Array - VGA has a resolution of 640x480, but there are many other higher resolutions such as: XGA (1024x768). These signals are Analog transmission and do not carry audio.

Application: Connection between PC's to display devices

Connection: 15 Pin High Density - HD15

Distance: Determined by the AWG of the cable and the resolution of the video signals

Cable Design:

5 Coaxial cables ranging from 26AWG to 18AWG.

Popular WPW Cables: Non-Plenum: *5CRGB*

Plenum: *255CRGB*

Connectors:

HD15 - High Density 15 Pin. Post for secure connection to equipment

The HD15 Connector is the de facto standard connection in PC graphics and monitors. The HD15 connector is used in VGA applications. The connectors are available in panel mount or cable mount.

Panel Mount:
Feed Thru Design

Terminal Block Design



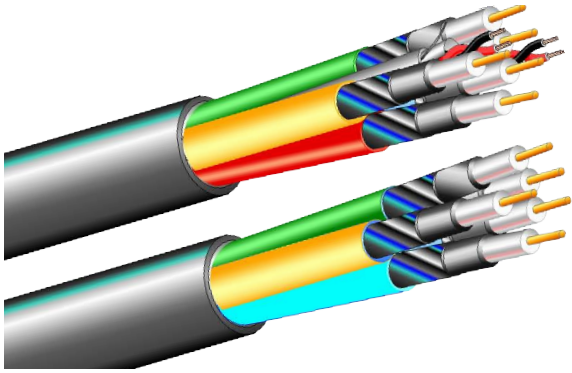
Cable Mount:
Terminal Block Design

Solder Design



RGBHV / SVGA

RGBHV/SVGA Video Cable RGB 25 Awg. Spiral Shielded Cables



Applications:

- Standard Definition Serial Digital Video
- Digital Audio(AES3id or SPDIF)
- High Resolution RGB Component Analog Video
- Studio Interconnect, Permanent Installation
- Ideal for Broadcast interconnection

Standard spool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type Inches	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Overall Jacket Color
5CRGB 5 Coax RGBHV	CM	5 Conductor 25 AWG (Solid) BC 32.5Ω/M'	Gas Injected PE+	Bifoil* 100% + TC Spiral Shield 95%	Overall PVC	.330	16.2 pf/ft	82%	75Ω	Black
					Ind. Coax PVC .105					
6CRGB2P 6 Coax RGBHV + Composite + 2 Pair Audio	CM	6 Cond. 25 AWG (Solid) BC 32.5Ω/M'	Gas Injected PE+	Bifoil* 100% + TC Spiral Shield 95%	Overall PVC	.410	16.2 pf/ft	82%	75Ω	Black
					Ind. Coax PVC .105					
		Twisted Pair Construction 2 Pair 22 Awg. (7x30) Bare Copper, Shielded, PVC Jackets (Black, Red)								
6CRGB4P 6 Coax RGBHV + Composite + (1) - 4 Pair Cat 5E	CM	6 Cond. 25 AWG (Solid) BC 32.5Ω/M'	Gas Injected PE+	Bifoil* 100% + TC Spiral Shield 95%	Overall PVC	.450	16.2 pf/ft	82%	75Ω	Black
					Ind. Coax PVC .105					
		Category 5E Construction One 4 Pair 24 Awg. Solid Bare Copper, Unshielded, PVC Jacket- Gray								

Connectors and Tools

Connector Type	Connectors	Strip Tool	Crimp/Comp Tool
75Ω 3 Pc. Crimp BNC	CN-BM74-19	TL-KLEIN or TL-825	TL-105
75Ω Compression BNC	CN-BNCP-RGB	TL-KLEIN or TL-CSST	TL-548G
RCA Compression	CN-RCP-RGB	TL-KLEIN or TL-CSST	TL-548G
HD15 Term.Block	CN-MX15M Male CN-MX15F Female	CN-MX915H Hood CN-MX915H Hood	

Individual Jacket Colors

Coax 1 : Red Coax 2 : Green
Coax 3 : Blue Coax 4 : White
Coax 5 : Yellow Coax 6: Black

Electrical Specifications

Catalog No.	Return Loss 100kHz- 1GHz 1GHz- 3GHz	Attenuation (db/100ft)											
		1 MHz	3.6 MHz	10 MHz	71.5 MHz	135 MHz	270 MHz	360 MHz	540 MHz	720 MHz	1 GHz	2.25 GHz	3 GHz
25 Awg	>23dB >21dB	.49	1.18	1.7	4.56	6.10	8.46	10.04	12.09	14.14	17.85	24.60	38.81
WP258255	>23dB >21dB	.49	.98	1.7	3.51	4.69	6.51	7.72	9.30	10.88	13.34	18.92	22.16

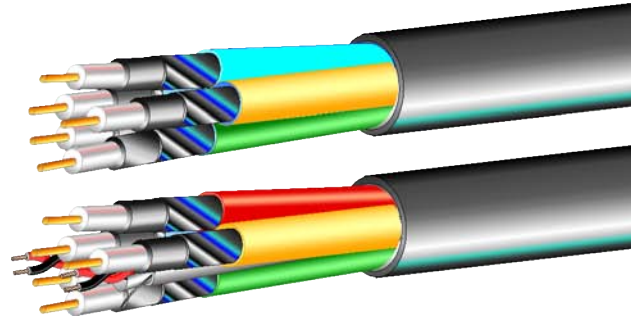
RGBHV / SVGA PLENUM

RGBHV/SVGA Video Cable

RGB 25 Awg. Plenum Cables

Applications:

- Standard Definition Serial Digital Video
- Digital Audio(AES3id or SPDIF)
- High Resolution RGB Component Analog Video
- Studio Interconnect, Permanent Installation
- Ideal for Broadcast interconnection



Standard pool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type		Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Overall Jacket Color		
					Inches	Inches							
255CRGB 5 Coax RGBHV Plenum	CMP	5 Conductor 25 AWG (Solid) BC 32.5Ω/M'	Foam FEP .073	Bifoil* 100% + TC Spiral Shield 95%	Overall Flex		.310	16.2 pf/ft	82%	75Ω	Black		
					Plenum	Ind. Coax Flex Plenum .105							
						Connector Type		Connectors		Strip Tool		Crimp/Comp Tool	
						75Ω 3 Pc. Crimp BNC		CN-BM74-19		TL-KLEIN or TL-825		TL-105	
						75Ω Compression BNC		CN-BNCP-RGB		TL-KLEIN or TL-CSST-RGB		TL-548G	
						RCA Compression		CN-RCP-RGB		TL-KLEIN or TL-CSST-RGB		TL-548G	
						HD15 Term.Block		CN-MX15M Male		CN-MX915H Hood		CN-MX915H Hood	
								CN-MX15F Female		CN-MX915H Hood			
WP258255 5 Coax RGBHV Plenum	CMP	5 Conductor 25 AWG (Solid) BC 30Ω/M'	Foam FEP .078	Bifoil* 100% + TC Braid 95%	Overall		.425	16.2 pf/ft	82%	75Ω	Blue		
					CoPolymer	Ind. Coax Flex Plenum .145							
						Connector Type		Connectors		Strip Tool		Crimp/Comp Tool	
						75Ω 3 Pc. Crimp BNC		CN-BM74-18		TL-KLEIN or TL-825		TL-105	
						75Ω Compression BNC		CN-BNCP-825		TL-KLEIN or TL-CSST-RGB		TL-548G	
						RCA Compression		CN-RCP-825		TL-KLEIN or TL-CSST-RGB		TL-548G	

Note: WP258255 conductor is manufactured with an oversized 25AWG Conductor

RGBHV/SVGA Video Cable

RGB 26 Awg. Stranded Spiral Shielded Cables

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type		Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Overall Jacket Color
					Inches	Inches					
WP258265 5 Coax RGBHV Plenum	CMP	5 Conductor 26 AWG (7x34) TC 41Ω/M'	Foam FEP .073	Bifoil* 100% + TC Spiral Shield 95%	Overall Flex		.310	16.1 pf/ft	82%	75Ω	Black
					Plenum	Ind. Coax Flex Plenum .108					

Individual Jacket Colors

Coax 1 : Red	Coax 2 : Green
Coax 3 : Blue	Coax 4 : White
Coax 5 : Yellow	

Connectors and Tools

Connector Type	Connectors	Strip Tool	Crimp/Comp Tool
75Ω 3 Pc. Crimp BNC	CN-BM74-19	TL-KLEIN or TL-825	TL-105
75Ω Compression BNC	CN-CSBNC-26	TL-KLEIN or TL-CSST-RGB	TL-SNSA
RCA Compression	CN-CSRCA-26	TL-KLEIN or TL-CSST-RGB	TL-SNSA
HD15 Term.Block	CN-MX15M Male	CN-MX915H Hood	
	CN-MX15F Female	CN-MX915H Hood	

EXTRON

22-103-03
MHR-5

WPW

WP258265

VGA Switch - 4x1 RGBHV Switch



The AS-41V is a 4 x 1 VGA switcher with front panel and RS-232 control. In addition, the AS-41V has volume, bass, and treble control along with break away switching. Its small and compact size allows it to fit nicely in carts, racks, and under tables.

- 4x1 RGBHV Switcher
- Max Resolution 3200x2400 MHz
- Volume Control
- Bass & Treble Control
- Audio Break-away Switching
- H/V Sync Skew-free
- Front Button Control
- RS-232 Control

VGA Switch	
Catalog No.	Description
AS-41V	4 x 1 VGA Switch

VGA Splitter - 1x2

VGA Splitter	
Catalog No.	Description
CN-R02SPL-102	2 Port VGA Splitter- Simultaneously display 1 VGA in, 2 VGA out



VGA/DVI Products

Adapters and Accessories

VGA to DVI ADAPTERS	
Catalog No.	Description
CN-E09AF-HD15M	DVI-A F - VGA -M ADAPTER
CN-E09AM-HD15F	DVI-A M - VGA -F ADAPTER



RGBHV / SVGA - CONNECTORS

Video Connectors HD 15- VGA And DB9

CN-HD15FST



CN-MX15M
With Hood
CN-MX915H



CN-HD15FF



40-9709HS



40-9515HDM

HD15 Terminal Block Connectors	
Catalog No.	Description
CN-HD15FST	HD15(F) Terminal Block
CN-MX15F	PREMIUM HD15(F) Terminal Block
CN-MX15M	PREMIUM HD15(M) Terminal Block
CN-MX9F	PREMIUM DB9 (F) Terminal Block RS-232
CN-MX9M	PREMIUM DB9 (M) Terminal Block- RS-232
CN-MX915H	Hood for PREMIUM Terminal Blocks
CN-HD15FF	HD15 Feed Thru

DB and HD connectors and hoods	
Catalog No.	Description
40-9709HS	9 Pin DB Sub Hood - BLACK HOOD
40-9515HDM	15 Pin HD Male Solder
40-9515HDS	15 Pin HD Female Solder

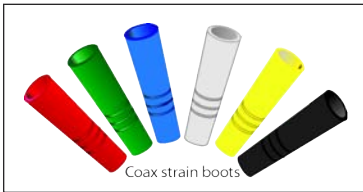


CN-BM73-5

Video Connectors 75 Ohm BNC Crimp Style

75 Ohm BNC Crimp Style	
Catalog No.	Description
CN-BM74-19	4 Pc. Miniature RGBHV 25 & 26 AWG
CN-BM74-18	4 Pc Minimax 25 AWG Miniature
CN-BM74-32	4 Pc RG59/U PVC or Plenum
CN-BM73-5	3 Pc RG6/U PVC
CN-BM73-4	3 Pc RG6/U Plenum

BTN58-xx - Strain Relief Boots for Miniature Coaxial Connectors
 BTN59-xx - Strain Relief Boots for RG59/U Coaxial Connectors
 xx: RD,GN,BL,WH,YE,BK



Coax strain boots

Video Connectors 75 Ohm BNC Compression Style

75 Ohm BNC Compression Style	
Catalog No.	Description
CN-CSBNC-26	Multi-Piece Miniature 26Awg. RGBHV - OR
CN-CSBNC-25	Multi-Piece Miniature 25Awg. RGBHV -PU
CN-CSBNC-59	1 Pc. RG59/U PVC - RD
CN-FS59BNCPL4	1 Pc. RG59/U Plenum -RD
CN-CSBNC-6	1 Pc. RG6/U PVC - GN
CN-FSCR	Colored Rings- Bag of 100- for ICM
75 Ohm BNC Compression Style- Window	
CN-BNCP-RGB	1 Pc. Miniature 25Awg. RGB- Window
CN-BNCP-825	1 Pc. MiniMax 25Awg. Window
CN-BNC59MCV	1 Pc. RG59/U Window- Universal -YE
CN-BNC6MCV	1 Pc. RG6/U Window - Universal -PU
CN-RR	Colored Rings- Bag of 100- for small profile



CN-CSBNC-26



CN-BNCP-RGB



CN-CSBNC-59



CN-FSCR

Small Profile
Compression
Design

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RGBHV / SVGA - CONNECTORS

Video Connectors

75 Ohm BNC Compression Style-Double Bubble-High Definition

BNC Style Compression- 360 Double Bubble	
Catalog No.	Description
CN-DB1BNCHD	25 Awg. RGB Cables - Orange Band
CN-DB15BNCHD	MiniMax 25 Awg. Cables- Purple Band
CN-DB59BNCHD	RG59/U - Red Band
CN-DB6BNCHD	RG6/U - Green Band

TL-CPLRBC- Double Bubble Compression Tool

360 Compression System:

- True 360 degree Compression
- Creates Permanent "Double Bubble" Connection
- Environmentally Sealed
- Superior Return Loss Values
- 75 Ohm Impedance
- Superior Pull-out Strength
- High Definition Applications



TL-CPLRBC

Audio/Video Connectors RCA Compression Style



CN-CSRCA-6



CN-RCP-RGB

Small Profile Compression Design

RCA Style - Compression

Catalog No.	Description
CN-CSRCA-26	Multi-Piece 26Awg. RGB
CN-CSRCA-25	Multi-Piece MiniMax 25Awg.
CN-CSRCA-59	Multi-Piece RG59/U
CN-FS59RCAPL4	Multi-Piece RG59/U Plenum
CN-CSRCA-6	Multi-Piece RG6/U
CN-FS6RCAPL2	Multi-Piece RG6/U Plenum

RCA Style - Compression - Window

CN-RCP-RGB	1 Pc. Miniature RGB 25Awg. Window
CN-RCP-825	1 Pc. MiniMax 25Awg. RCA Window
CN-RCP-823	1 Pc. Mini RG59/U 23AWG. Window RCA Window
CN-RCA59-MCV	1 Pc. RG59/U Window RCA Window - Universal
CN-RCA6-MCV	1 Pc. RG6/U Window RCA Window- Universal



Panel Mount RCA Connectors Terminal Block

Catalog No.	Description
CN-MXRCA	Panel Mount RCA Terminal Block Connectors
CN-IW38Rxx	Colored Rings: xx- BL, GN, RD, WH, YE

TL-CPLRBC- Double Bubble Compression Tool



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RGBHV / SVGA - ASSEMBLIES

RGBHV- 5 Coaxial Cable 75 Ohm BNC



5 - Miniature RGBHV PVC 75Ω BNC		
Catalog No.	Description	Length (FT)
CN-5CRGB-xx	5 COAX PVC RGBHV 5 BNC (M) to 5 BNC (M)	Replace xx with: 12, 25,50,75,100,150

5 - Miniature RGBHV Plenum 75Ω BNC		
Catalog No.	Description	Length (FT)
CN-255CRGB-xx	5 COAX Plenum RGBHV 5 BNC (M) to 5 BNC (M)	Replace xx with: 12, 25,50,75,100,150

VGA- HD 15 To 5 BNC SVGA ASSEMBLIES



HD15(M) to 5-BNC (F) Economy		
Catalog No.	Description	Length (FT)
CN-EVGA-xx	ECONOMY HD15 (M) to 5 BNC (F)	Replace xx with: 1,3,6,10,15

5 - 25Awg RGB BNC to HD15(F) Plenum		
Catalog No.	Description	Length (FT)
CN255CRGBHDFxx	5 BNC (M) to HD15 (F)	Replace xx with: 25,50,75,100,150



5 - 25Awg RGB BNC to HD15(M) Plenum		
Catalog No.	Description	Length (FT)
CN255CRGBHDMxx	5 BNC (M) to HD15 (M)	Replace xx with: 25,50,75,100,150

Installation Tools

Stripping Tools	
Catalog No.	Description
TL-124	3 Cut Tool RG8, RG11, RG213
TL-825	MiniMax 25Awg.
TL-CSST	Compression Strip Tool- 2 Cut- RG59 & 6
TL-KLEIN	All Purpose Strip Tool
TL-7503	Pro Series 3 step adjustable blades



Crimp Tool Die Sizes: inches

- TL-104: .068, .213, .255
- TL-105: .068, .178
- TL-803: .065, .068, .178, .213, .255
- TL-107: .068, .093, .213, .255, .311



Tools Crimp and Compression	
Catalog No.	Description
TL-104	RG58, RG59/U, RG59 Plenum
TL-105	MiniMax 25Awg.and 26Awg.
TL-803	Universal MiniMax and RG59
TL-107	Universal RG59, RG6
TL-SNSA	Compression Tool BNC, RCA, F
TL-548G	Alternate Compression Tool
TL-CSBNC-11	RG11/U Comp. Tool

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RGBHV / SVGA - ASSEMBLIES

VGA- HD 15 To HD 15 SVGA ASSEMBLIES

HD15(M) to HD15(M) Economy		
Catalog No.	Description	Length (FT)
CN-VGAMM-xx	HD15 Male to HD15 Male	Replace xx with: 6,10,25,50

VGA 5 - 25Awg RGB HD15(F) to HD15(M) Plenum		
Catalog No.	Description	Length (FT)
CN255CRGHDFMxx	HD15 (F) to HD15 (M)	Replace xx with: 25,50,75,100,150

VGA 5 - 25Awg RGB HD15(M) to HD15(M) Plenum		
Catalog No.	Description	Length (FT)
CN255CRGHDMMxx	HD15 (M) to HD15 (M)	Replace xx with: 25,50,75,100,150

VGA 5 - 25Awg RGB HD15(M) to HD15(M) Non-PLENUM		
Catalog No.	Description	Length (FT)
CN-5CRGHDMMxx	HD15 (M) to HD15 (M)	Replace xx with: 25,50,75,100,150



CN-VGAMM-xx

HD 15 - VGA- with Audio 3.5mm Cable Assemblies

VGA with Audio		
Catalog No.	Description	Length (FT)
CN-HDVGAAP-xx	VGA with Audio HD15 (M) + 3.5mm Audio	Replace xx with: 6,10,25



CN-HDVGAAP-xx

SVGA - HD 15 + 3.5mm + COMPOSITE VIDEO + L/R AUDIO Cable Assemblies

VGA with Audio and Composite Video -L/R Audio		
Catalog No.	Description	Length (FT)
CN-VGAAVA-xx	VGA+AUDIO+VIDEO + L/R AUDIO	Replace xx with: 6,10,25,35,50
CN-25VGAAVA-xx	VGA+AUDIO+VIDEO + L/R AUDIO PLENUM	Replace xx with: 6,10,25,35,50



CN-VGAAVA-xx



AV Wall Plates	
CN-xxHDTB3R3.5T	HD15 Terminal Block, 3 RCA (V,L,R), 3.5mm Term. Block

Replace xx with: SS- Stainless Steel
WS- White- Stainless Steel
AC- Anodized Clear
AW- Aluminum White
AB- Anodized Black

**SEE ALL AV METAL PLATES:
PAGES 235-237**

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Audio/Video Accessories Advantage EZ Run Installation

PC- VGA

EZ Run Cables- UXGA / PC	
CN-EZ01A-xx	Non-Plenum UXGA /PC Replace xx with 15,25,35,50,75,100,125,150
CN-EZ02A-xx	Plenum UXGA/PC Replace xx with 15,25,35,50,75,100,125,150



EZ Wall Plates- Single Gang	
Catalog No.	Description
CN-EZD14A-FP	DIN Wall Plate UXGA/ PC
CN-EZHD1535-FP	Wall Plate HD15 (Female) + 3.5mm Audio
CN-EZHD15-FP	Wall Plate HD15 (Female)



EZ Run Adapter Cables		
Dwg.No	Catalog No.	Description
1	CN-EZHD15-xx	HD15(RGBHV) to D14- Gn
2	CN-EZHD1535M-xx	HD15 + 3.5mm Audio to D14- Gn

Replace xx with:
1, 3, 6, 10 (ft)

RGBHV / SVGA - INSTALL KITS

VGA Install Kits- 25 AWG - 5CRGB

HD 15 Male to 5 BNC 75Ω

Catalog No.	Description	Length (FT)
CN5CRGKBHMxx	HD 15 Male to 5 BNC	Replace xx with: 25,50,75,100,150,175

Note: HD15 (M) to 5- BNC

5CRGB Install Kit Includes:

- 1- Length of RGBHV 25AWG. Cable Connected with 1 HD15 Male.
- 5- 75Ω BNC Connectors- Crimp or Compression
- 5- Colored Connector Boots
- 1- Piece of Heat Shrink Tube

Note: Crimp is the Standard. For Compression Connectors contact WPW Engineering.



EXTRON
SY IST/xx
26-511

WPW
CN5CRGKBHMxx

HD 15 Male to HD 15 Male or Female

Catalog No.	Description	Length (FT)
CN5CRGKHMfxx	HD 15 M- HD15 M/F	Replace xx with: 25,50,75,100,150,175

Note: HD15 (M) to HD15 (M or F)

5CRGB Install Kit Includes:

- 1- Length of RGBHV 25AWG. Cable Connected with 1 HD15 Male.
- The other end is prepared for field termination
- 1- HD15 Male/ 1 HD15 Female
- 1- Piece of Heat Shrink Tube
- 1- HD15 Hood



EXTRON
VGA IST/xx
26-515

WPW
CN5CRGKHMfxx

HD 15 Male to HD 15 Terminal Block

Catalog No.	Description	Length (FT)
CN5CRGKHTBxx	HD 15 M- HD15 TB	Replace xx with: 25,50,75,100,150,175

Note: HD15 (M) to HD15 Terminal Block 5CRGB Install Kit Includes:

- 1- Length of RGBHV 25AWG. Cable Connected with 1 HD15 Male.
- The other end is prepared for field termination
- 1- HD15 Terminal Block (F)-Works with WPW AV WallPlates Page 113-115



HD 15 Male to HD 15 MaxBlox

Catalog No.	Description	Length (FT)
CN5CRGKHMxx	HD 15 M- HD15 MaxBlox	Replace xx with: 25,50,75,100,150,175

Note: HD15 (M) to HD15 Terminal Block 5CRGB Install Kit Includes:

- 1- Length of RGBHV 25AWG. Cable Connected with 1 HD15 Male.
- The other end is prepared for field termination
- 1- HD15 MaxBlox (F) with Hood



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RGBHV / SVGA - INSTALL KITS

VGA Install Kits- 25 AWG Plenum- 255CRGB

HD 15 Male to 5 BNC 75Ω		
Catalog No.	Description	Length (FT)
CN255CRGKBHMxx	HD 15 Male to 5 BNC	Replace xx with: 25,50,75,100,150,175

Note: HD15 (M) to 5- BNC 255CRGB Install Kit Includes:

- 1- Length of RGBHV 25AWG. Plenum Cable Connected with 1 HD15 Male.
- 5- 75Ω BNC Connectors- Crimp or Compression **Note: Crimp is the Standard. For Compression Connectors contact WPW Engineering.**
- 5- Colored Connector Boots
- 1- Piece of Heat Shrink Tube



EXTRON
SY ISTP/xx
26-512

WPW
CN255CRGKBHMxx

HD 15 Male to HD 15 Male or Female		
Catalog No.	Description	Length (FT)
CN255CRGKHMfxx	HD 15 M- HD15 M/F	Replace xx with: 25,50,75,100,150,175

Note: HD15 (M) to HD15 (M or F) 255CRGB Install Kit Includes:

- 1- Length of RGBHV 25AWG. Plenum Cable Connected with 1 HD15 Male.
- The other end is prepared for field termination
- 1- HD15 Male/ 1 HD15 Female
- 1- Piece of Heat Shrink Tube
- 1- HD15 Hood



EXTRON
VGA ISTP/xx
26-514

WPW
CN255CRGKHMfxx

HD 15 Male to HD 15 Terminal Block		
Catalog No.	Description	Length (FT)
CN255CRGKHTBxx	HD 15 M- HD15 TB	Replace xx with: 25,50,75,100,150,175

Note: HD15 (M) to HD15 Terminal Block 255CRGB Install Kit Includes:

- 1- Length of RGBHV 25AWG. Plenum Cable Connected with 1 HD15 Male.
- The other end is prepared for field termination
- 1- HD15 Terminal Block (F)- Works with WPW AV WallPlates Pg. 113-115



HD 15 Male to HD 15 MaxBlox		
Catalog No.	Description	Length (FT)
CN255CRGKHMxx	HD 15 M- HD15 MaxBlox	Replace xx with: 25,50,75,100,150,175

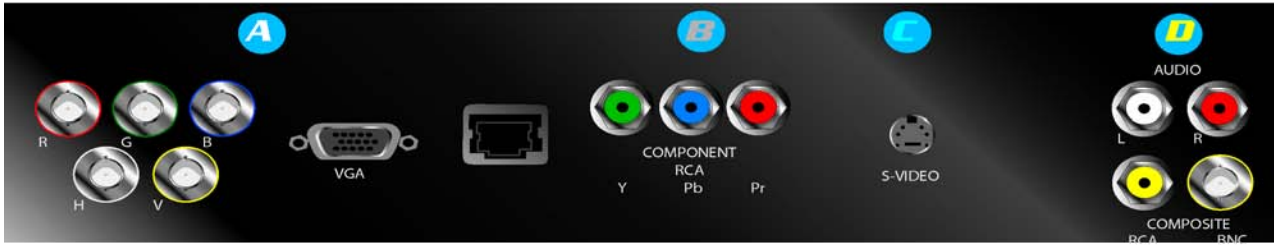
Note: HD15 (M) to HD15 Terminal Block 255CRGB Install Kit Includes:

- 1- Length of RGBHV 25AWG. Plenum Cable Connected with 1 HD15 Male.
- The other end is prepared for field termination
- 1- HD15 MaxBlox Terminal Block (F) with Hood



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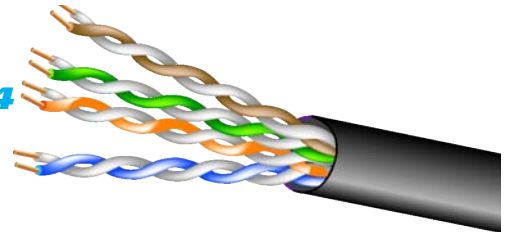


A RGBHV / SVGA- RGBHV signals are separated into five signal paths

Nano Skew- Zero Skew - Pico Skew - All are related to very low propagation delay or skew. In a 5 Coaxial cable design the Red, Green, Blue, and sync information is transmitted across 5 coaxial cable. Each coaxial cables have to be timed in sync with the other coaxial cables, when each coax is in time with the others the cable has low skew. In a 4 pair design, each pair is twisted at the same rate which produces low skew between the pairs. Nano-Skew cables look physically like a Category 5E cable, but the biggest difference is in the twisting of each pair. The Nano-skew pairs are twisted at the same rate to allow Red, Green, Blue and sync information to be transmitted and received at the same time.

Cable Design:
4 Pair 24AWG UTP

Popular WPW Cables: Non-Plenum: NS424
Plenum: NS25424



Connectors:

RJ45 Jacks or modular Plugs

NOT USED IN DATA APPLICATIONS

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
NS424	4 Pair	24 AWG Solid 26 Ω/Mft	Thermo-Plastic	None UTP	PVC	.190	CMR	Nom. Cap. 14 pf/ft* Nom. Imp 100Ω	BLACK
NS25424	4 Pair	24 AWG Solid 26 Ω/Mft	Thermo-Plastic Plenum	None UTP	Thermo-Plastic	.185	CMP	Nom. Cap. 14 pf/ft* Nom. Imp 100Ω	BLACK
Indoor/Outdoor									
NS424-IO	4 Pair	24 AWG Solid 26 Ω/Mft	Thermo-Plastic Plenum	None UTP Water-blocking	Thermo-Plastic	.250	CM	Nom. Cap. 14 pf/ft* Nom. Imp 100Ω	BLACK

Notes:

West Penn Wire's low skew video twisted pair cable is a proven cost-effective alternative to coax for RGB video applications. This cable was developed in response to the increasing digital signage applications for marketing and advertising. Low skew cable supports longer cable runs than currently available with coax or data cables, has a smaller outside diameter than coax, and can be hidden via plenums or in walls. Made with 24 AWG solid copper cable, it is listed by Underwriters Laboratories as either plenum (CMP) or riser (CMR) applications



SVGA EXTENDERS - UTP

Digital Signage Products

VGA over NanoSkew West Penn Cable

VGA Extender over NanoSkew Cables	
Catalog No.	Description
CN-R02EXT-C5E	VGA UTP Extender - Box Style 1000ft. over NanoSkew WPW Cables (TX & RX Included)

500ft over Cat5E

VGA + Audio Extender over NanoSkew Cables	
Catalog No.	Description
CN-R02EXT-C5E35	VGA + Audio UTP Extender - Box Style 1000ft. over NanoSkew WPW Cables (TX & RX Included)

CNR02EXTC5E35T VGA + Audio UTP Extender - Box Style - TX ONLY
CNR02EXTC5E35R VGA + Audio UTP Extender - Box Style - RX ONLY

VGA + Audio Extender over NanoSkew Cables - Wall Plate	
Catalog No.	Description
CN-R02EXT-35FP	VGA + Audio UTP Extender - Wall Plate - 110 STYLE 1000ft. over NanoSkew WPW Cables (TX & RX Included)
CN-R02TEXT-35JP	VGA + Audio UTP Extender - Wall Plate -RJ45 STYLE 1000ft. over NanoSkew WPW Cables (TX & RX Included)
CN-R02EXT-35JT	VGA + Audio UTP Extender - Wall Plate -RJ45 STYLE TX ONLY
CN-R02EXT-35JR	VGA + Audio UTP Extender - Wall Plate -RJ45 STYLE RX ONLY

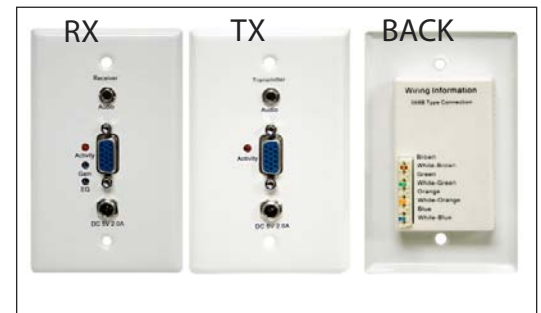
VGA + RS-232 Extender over NanoSkew Cables	
Catalog No.	Description
CN-R02TEXT-RS	VGA + RS-232 UTP Extender - BOX STYLE 1000ft. over NanoSkew WPW Cables (TX & RX Included)
CN-R02TEXT-RSFP	VGA + RS-232 UTP Extender - Wall Plate -110 STYLE 1000ft. over NanoSkew WPW Cables (TX & RX Included)



CN-R02EXT-C5E



CN-R02EXT-C5E35



VGA Extender Over Category 5E/6 Cables

VGA Extender over Category 5E/6 Cables	
Catalog No.	Description
AS-CAT1-VGA	Supports VGA and UXGA, RS-232, Audio, IR - 1000ft

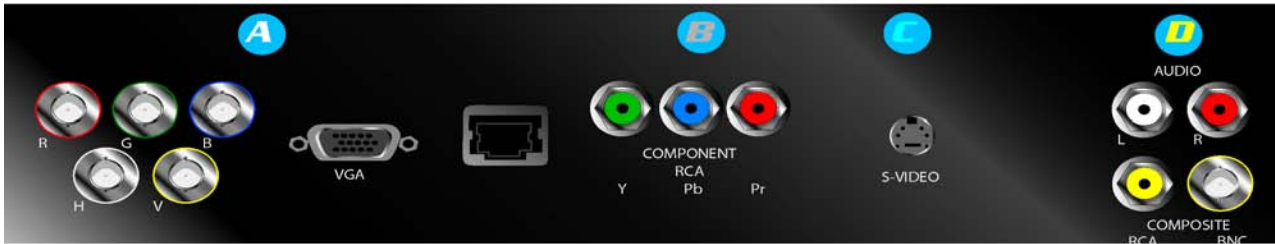
Supports up to WUXGA [1920x1200@60] or UXGA [1600x1200@60] to 1,000ft (330m)
Supports 720p component video signal to 1,000ft (330m)
Supports RS-232 half-duplex & bi-directional IR pass-through
Supports analog stereo audio and digital S/PDIF stereo audio
Video and audio local out on transmitting unit for easy monitoring
Adjustable equalization and gain control on receiving unit for signal tuning
De-skew compensation for RGB delay control
Wall mounting case & interlocked power jack



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B Component Video- RGB - Color and video information split into three signal paths

RGB - Also known as Component Video is an analog video transmission that utilizes 3 coaxial cables to transmit Red, Green, Blue and H/V Sync.
 Signal Separation: Red, Green (H/V Sync), Red - 3 Coaxial Cables.

Applications: Consumer analog TV resolutions up to 1080i
 Also known as: Pb,Pr,Y, Analog YUV

Connections: RCA or BNC

Cable Design:
5 Coaxial cables ranging from 26AWG to 18AWG.
Popular WPW Cables: Non-Plenum: 3CRGB
Plenum: 253CRGB

Connectors:
 RCA - Radio Corp. of America

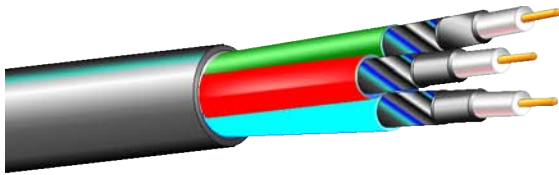
Used for Video and Audio Applications. RCA connectors are not by nature 75ohms. They were created to carry between 30-55ohm audio cable signals. Most of today's RCA Video connectors are however 75 ohm to keep the impedance of a video system design.

West Penn offers RCA Video connections in compression design.



COMPONENT VIDEO - RGB

Component Video Cable RGB 25 And 26Awg. Spiral Shielded Cables



Applications:

- Standard Definition Serial Digital Video
- Digital Audio(AES3id or SPDIF)
- High Resolution RGB Component Analog Video
- Studio Interconnect, Permanent Installation
- Ideal for Broadcast interconnection

Standard spool size 1000ft.

NON-PLENUM VERSION

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type Inches	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Overall Jacket Color
3CRGB	CM	3 Conductor 25 AWG (Solid) BC 32.5Ω/M'	Gas Injected PE+ .073	Bifoil* 100% + TC Spiral Shield 95%	Overall PVC	.290	16.2 pf/ft	82%	75Ω	Black
3 Coax RGB					Ind. Coax PVC .105					

PLENUM VERSION

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type Inches	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Overall Jacket Color
253CRGB	CMP	3 Conductor 25 AWG (Solid) BC 32.5Ω/M'	Foam FEP .073	Bifoil* 100% + TC Spiral Shield 95%	Overall Flex Plenum	.260	16.2 pf/ft	82%	75Ω	Black
3 Coax RGB Plenum					Ind. Coax Flex Plenum .105					

Individual Jacket Colors

Coax 1 : **Red** Coax 2 : **Green**
Coax 3 : **Blue**

Connectors and Tools

Connector Type	Connectors	Strip Tool	Crimp/Comp Tool
75Ω 3 Pc. Crimp BNC 25/26g	CN-BM74-19	TL-KLEIN or TL-825	TL-105
75Ω Compression BNC 25g	CN-BNCP-RGB	TL-KLEIN or TL-CSST	TL-548G
RCA Compression 25g	CN-RCP-RGB	TL-KLEIN or TL-CSST	TL-548G

Electrical Specifications

Catalog No.	Return Loss 100kHz- 1GHz 1GHz- 3GHz	Attenuation (db/100ft)											
		1 MHz	3.6 MHz	10 MHz	71.5 MHz	135 MHz	270 MHz	360 MHz	540 MHz	720 MHz	1 GHz	2.25 GHz	3 GHz
25 Awg	>23dB >21dB	.49	1.18	1.7	4.56	6.10	8.46	10.04	12.09	14.14	17.85	24.60	38.81
26 Awg Plenum	>23dB >21dB	.5	1.19	1.71	4.7	6.3	9.1	10.62	13.62	16.2	19.5	35.3	43.7

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COMPONENT VIDEO - EXTENDERS

Extenders over Network Cabling



CN-R03EXTRGBX



CN-R03EXTRGB



CN-R03EXT4RCA



Component Video over Network Cable	
Catalog No.	Description
CN-R03EXTRGBX	Box Set TX/RX RGB - 3 RCA to RJ45
CN-R03EXT3BNCX	Box Set TX/RX RGB - 3 BNC to RJ45
CN-R03EXTRGB	Pigtail Box TX/RX RGB - 3 RCA Pigtail to RJ45
CN-R03EXT3BNC	Pigtail Box TX/RX RGB - 3 BNC Pigtail to RJ45
CN-R03EXTRGB-FP	Wall Plate TX/RX RGB - 3 RCA to RJ45
CN-R03EXT3BNC-FP	Wall Plate TX/RX RGB - 3 BNC to RJ45

Component Video & Digital Audio Extenders	
Catalog No.	Description
CN-R03EXT4RCA X	Box Set TX/RX RGB + Digital Audio - 4 RCA to RJ45
CN-R03EXT4RCA	Pigtail Box TX/RX RGB+ Digital Audio - 4 RCA Pigtail to RJ45
CN-R03EXT4RCAFP	Wall Plate TX/RX RGB + Digital Audio - 4 RCA to RJ45

- Works with ONE Category 5e/6 Cable
- Category 5E Cables: 4245 CMR 254245 CMP
- Category 6 Cables: 4246 CMR 254246 CMP
- Distances:
 - 720P 400ft
 - 1080i 350ft
 - 1080p 300ft

EZ Run Cables- AV- Component Video

CN-EZ01B-xx	Non-Plenum AV-Component Video Replace xx with 15,25,35,50,75,100,125,150
CN-EZ02B-xx	Plenum AV-Component Video Replace xx with 15,25,35,50,75,100,125,150

EZ Wall Plates- Single Gang

Catalog No.	Description
CN-EZD14B-FP	DIN Wall Plate AV/ Component Video
CN-EZ3BNC-FP	Wall Plate 3 BNC
CN-EZRGB-FP	Wall Plate 3 RCA Component Video-RGB
CN-EZ4RCA-FP	Wall Plate 4 RCA - 3 RCA (Component Video) 1- RCA- S/PDIF
CN-EZ5BNC-FP	Wall Plate 5 BNC - RGBHV
CN-EZ5RCA-FP	Wall Plate 5 RCA - Component Video + Stereo Audio

EZ Run Adapter Cables

Dwg.No	Catalog No.	Description
1	CN-EZ5BNC-xx	5 BNC to D14- Or
2	CN-EZ3BNC-xx	3 BNC to D14- Or
3	CN-EZ4RCA-xx	4 RCA (RGB + Digital Audio) to D14- Or
4	CN-EZ5RCA-xx	5 RCA (RGB + Stereo Audio) to D14- Or
5	CN-EZRGB-xx	3 RCA (RGB) to D14- Or



AV and Component Video Applications, Compatible with Analog and S/PDIF Digital Audio.

Includes Protective Pulling Caps, Max. Pull Tension 30lbs.



CN-EZ3BNC-FP



3

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COMPONENT VIDEO - ACCESSORIES

Video Connectors

75 Ohm BNC - Compression

75 Ohm BNC Compression Style	
Catalog No.	Description
CN-BNCP-RGB	1 P.C. Compression BNC for 25AWG Solid RGB
75 Ohm BNC Compression Style- Window	
CN-RR	Colored Rings- Bag of 100- for small profile



Video Connectors

75 Ohm BNC - Crimp

75 Ohm BNC Crimp Style	
Catalog No.	Description
CN-BM74-19	4 P.C. Miniature RGBHV 25 & 26 AWG



Video Connectors

RCA - Video Connector

RCA Compression Video Style	
Catalog No.	Description
CN-RCP-RGB	Compression RCA for 25AWG Solid RGB
CN-CSRCA-26	Compression RCA for 26AWG RGB



Installation Tools

Stripping Tools	
Catalog No.	Description
TL-825	MiniMax 25Awg.
TL-CSST	Compression Strip Tool- 2 Cut- RG59 & 6
TL-KLEIN	All Purpose Strip Tool

Tools Crimp and Compression	
Catalog No.	Description
TL-105	MiniMax 25Awg.and 26Awg.
TL-803	Universal MiniMax and RG59
TL-SNSA	Compression Tool BNC, RCA, F
TL-548G	Alternate Compression Tool

Component Video Assemblies

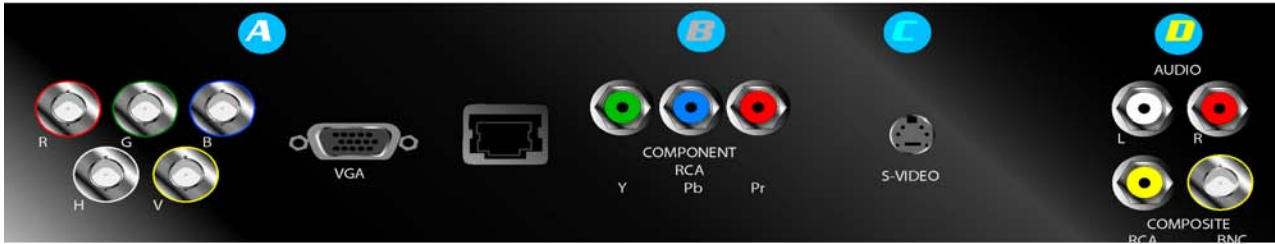
3 COAX Component Video RGB RCA Economy	
Catalog No.	Description
CN-E3RCA-xx	3 COAX PVC RGB Replace xx with: 3,6,12 feet

3 Miniature Component Video 26Awg. RCA Plenum		
Catalog No.	Description	Length (FT)
CN253CRGBRCAxx	3 COAX PVC RGB	Replace xx with: 12, 25,50,75,100,150

3 - Miniature RGB 25Awg. PVC 75Ω BNC		
Catalog No.	Description	Length (FT)
CN-3CRGB-xx	3 COAX PlenumRGB 3 BNC (M) to 3 BNC (M)	Replace xx with: 12, 25,50,75,100,150

3 - Economy RGB PVC 75Ω BNC		
Catalog No.	Description	Length (FT)
CN-E3BNC-xx	3 COAX PVC RGB 3 BNC (M) to 3 BNC (M)	Replace xx with: 3,6,12





C S-Video - Y/C Luminance/Chrominance - split into two signal paths

S-Video or Super Video separates the luminance (Video brightness) and chrominance (Color) into two coaxial cables. S-Video is an analog signal that carries the video as two separate signals. S-Video carries resolutions up to 480i.

Applications: Consumer analog -S-Video
Also known as: Y/C

Connections: 4 Pin Mini Din

Cable Design:
5 Coaxial cables ranging from 26AWG to 18AWG.
Popular WPW Cables: Non-Plenum:
Plenum: 252CSVHS



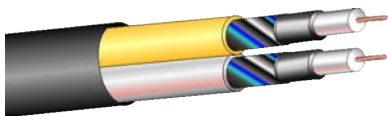
Connectors:
4 pin mini din or BNC

This connector is used for video distribution. The 4 pin mini din cable mount connections are normally solder style. The panel mounts can be either solder or terminal block

Applications:

- Pro-Video
- SVHS
- CCTV

Standard pool size 1000ft.



Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
252825	CMP	25 AWG (Solid) BC	Foam FEP	Bare Copper Braid	Flexible Plenum	.146 x .302	16.2 pf/ft	82%	75Ω	Blue
Dual SVHS MiniMax Plenum		30Ω/M'	.078	95%		Connector Type 75Ω BNC 4 Pin Mini Din				
252CSVHS	CMP	25 AWG (Solid) BC	Foam FEP	Bare Copper Braid	Flexible Plenum	.150 x .260	16.2 pf/ft	82%	75Ω	Black
Dual SVHS Plenum		32.5Ω/M'	.078	95%		Connector Type 75Ω BNC 4 Pin Mini Din				

Notes: 252CSVHS

Overall Black Jacket
Yellow Coax- Luminance
White Coax- Chrominance



S-VIDEO ACCESSORIES

S-Video Connectors

CN-MD4FFN



S-Video Connectors	
Catalog No.	Description
CN-SVHS-M	4 PIN MINI DIN SVHS
CN-MD4FFN	4 PIN MINI DIN SVHS Panel Mt. feed Thru
CN-TCS415PST	SVHS Female to Terminal Block Panel Mt.
CN-BNCP-825	75 Ohm BNC Compression for 252825
CN-BNCP-RGB	75 Ohm BNC for 252CSVHS.

S-Video Assemblies

S-Video - Cable Assemblies			
Catalog No.	Description	Colors	Standard Length (ft)
DTD252825-(Length)	Plenum 4 Pin Mini Din to 4 Pin Mini Din	Jacket: Blue	12, 25, 50, 75, 100, 125,150
DTB252825- (Length)	Plenum 4 Pin Mini Din to 75Ω BNC's	Jacket: Blue	
DTDE-(Length)	Economy Mini Din to Mini Din	Jacket: Black	3, 6, 12
S-Video - Miniature Plenum Cable Assemblies			
DTD252CSVHS-(Length)	4 Pin Mini Din to 4 Pin Mini Din	Jacket: Black	12, 25, 50, 75, 100, 125,150
DTB252CSVHS-(Length)	4 Pin Mini Din to 75Ω BNC's	Jacket: Black	

Audio/Video Accessories

Advantage EZ Run Installation

S-Video -EZ RUN



AV and Component Video Applications, Compatible with Analog and S/PDIF Digital Audio.

Includes Protective Pulling Caps, Max. Pull Tension 30lbs.

EZ Run Cables- AV- Component Video	
CN-EZ01B-xx	Non-Plenum AV-Component Video Replace xx with 15,25,35,50,75,100,125,150
CN-EZ02B-xx	Plenum AV-Component Video Replace xx with 15,25,35,50,75,100,125,150

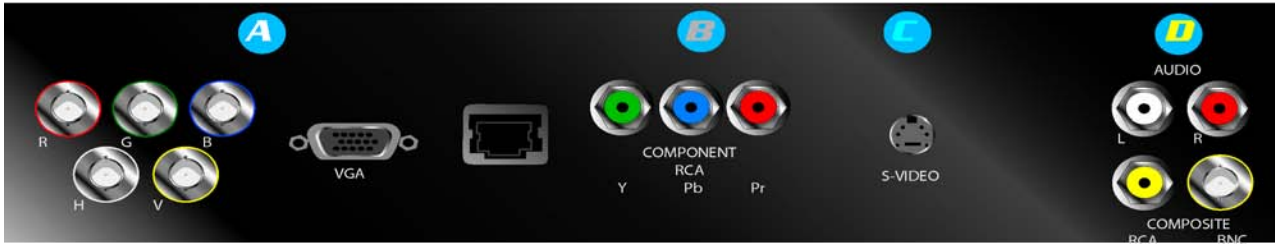
EZ Wall Plates- Single Gang	
Catalog No.	Description
CN-EZD14B-FP	DIN Wall Plate AV/ Component Video
CN-EZMD4-FP	Wall Plate 3 RCA + MDIN 4 Female

EZ Run Adapter Cables	
Catalog No.	Description
CN-EZMD4-xx	3 RCA (YWR)+ S-Video toD14- Or

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D Composite Video

Composite video combines all video information, brightness, and color onto one coaxial cable.

Signal separation: 1 Coax

Applications: Standard video signal



Connections: RCA or BNC

Cable Design:

5 Coaxial cables ranging from 26AWG to 18AWG.

Popular WPW Cables: Non-Plenum: 819, 815, 6350

Plenum: 25819, 256350

Connectors:

RCA



COMPOSITE VIDEO CABLES



Applications:

- Digital Video-SDI
- AES3id & SPDIF Digital Audio
- CCTV
- CATV

Broadcast Video Cable Pro-Video/ Serial Digital SDI

Standard pool size 1000ft.

Catalog No.	NEC Type	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type	Nom. O.D. Inches	Nom. Capacitance	Nom. VP	Nom. Imp. Ω	Jacket Color
HD825	CMR	25 AWG (Solid) BC 30Ω/M'	Gas Injected PE+ .085	Bifoil 100% Tinned Copper Braid 95%	PVC	.146	16.2 pf/ft	82%	75Ω	Black
HD25825	CMP	25 AWG (Solid) BC 30Ω/M'	Foam FEP .078	Bifoil 100% Tinned Copper Braid 95%	Flex Plenum	.146	16.2 pf/ft	82%	75Ω	Black
819	CMR	20 AWG (Solid) BC 10Ω/M'	Gas Injected PE+ .142	Bifoil 100% Tinned Copper Braid 95%	PVC	.232	16.2 pf/ft	82%	75Ω	Black
25819	CMP	20 AWG (Solid) BC 10Ω/M'	Foam FEP .135	Bifoil 100% Tinned Copper Braid 95%	Flex Plenum	.200	16.2 pf/ft	84%	75Ω	Ivory

- Black • Red • Green • Blue • White • Yellow
- Other colors available upon request, minimum quantities may apply

SDI JACKET COLORS

Note: A minimum order quantity apply on select jacket colors.

Composite Audio/ Video Cables

Applications:

- Audio and Video

Standard pool size 1000ft.

Catalog No.	Cable Types	Application	Connectors	NEC Type	Nom. Jacket O.D. & Color
LSAV	1- MiniMax SDI Coaxial Cable 2- 1 Pair 22 AWG Shielded Cables	Video	CN-RCP-RGB	CM	.316" Unjacketed Lickity Split Bondled Cable
		Audio	CN-NYS373-RD CN-NYS373-BK		
LS25AV	1- MiniMax SDI Plenum Coaxial Cable 2- 1 Pair 22 AWG Shielded Cables- Plenum	Video	CN-RCP-RGB	CMP	.300" Unjacketed Lickity Split Bondled Cable
		Audio	CN-NYS373-RD CN-NYS373-BK		

Cable Types	Conductor Colors	Jacket Colors
Video Minimax SDI	--	Yellow
Audio Pair 1	1. Black, 2. Red	White
Audio Pair 2	1. Black, 2. Red	Red



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COMPOSITE VIDEO ACCESSORIES

Video Connectors

RCA - Video Connector

RCA Style - Compression	
Catalog No.	Description
CN-RCA59MCV	1 Pc. Universal RCA RG59/U
CN-CSRCA-59	Multi-Piece RG59/U
CN-FS59RCAPL4	Multi-Piece RG59/U Plenum
RCA Style - Compression - Window	
CN-RCP-825	1 Pc. MiniMax 25Awg. RCA Window



CN-RCP-825

Composite Video Assemblies

RCA To RCA

MiniMax Non-Plenum			MiniMax Plenum		
Catalog No.	Length	Jacket Colors	Catalog No.	Length	Jacket Colors
CNHD825BKRC A3	3 Foot	BLACK	CNHD25825BKR3	3 Foot	BLACK
CNHD825BKRC A6	6 Foot		CNHD25825BKR6	6 Foot	
CNHD825BKRC A10	10 Foot		CNHD25825BKR10	10 Foot	
CNHD825BKRC A15	15 Foot		CNHD25825BKR15	15 Foot	
CNHD825BKRC A20	20 Foot		CNHD25825BKR20	20 Foot	
CNHD825BKRC A25	25 Foot		CNHD25825BKR25	25 Foot	

Economy AV DUBBING Cables	
Catalog No.	Description
CN-ERCA-AVxx	3 RCA- 3 RCA AV Replace xx with: 3,6,12 feet
AV RCA Dubbing Plenum	
Catalog No.	Description
CNLS25AVRCAxx	1 Coax + 2- Twisted Pair Plenum Replace xx with: 15,25,50,75,100 feet



CN-ERCA-AVxx

Extenders over Network Cabling



CN-R03EXTRWYX



CN-R03EXTRWY



CN-R03EXTRWY-JP



CN-RCARJ45



CN-RCATL



CN-RCAMTL

Composite Video +L/R Audio Extenders

Catalog No.	Description
CN-R03EXTRWYX	Box Set TX/RX Rwy - 3 RCA to RJ45
CN-R03EXTRWY	Pigtail Box TX/RX Rwy - 3 RCA Pigtail to RJ45
CN-R03EXTRWY-JP	Wall Plate TX/RX Rwy - 3 RCA Pigtail to RJ45
CN-RCARJ45	RCA -F- TO RJ45 JACK Video Balun
CN-RCATL	RCA -F- TO IDC Clamp Down - Video Balun
CN-RCAMTL	RCA -M- TO RJ45 JACK Video Balun

- Works with ONE Category 5e/6 Cable
- Category 5E Cables: 4245 CMR 254245 CMP
- Category 6 Cables: 4246 CMR 254246 CMP
- Distances:
 - 480p 500ft

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EZ RUN COMPOSITE VIDEO L/R AUDIO

Audio/Video Accessories Advantage EZ Run Installation

Pro-AV



AV and Component Video Applications, Compatible with Analog and S/PDIF Digital Audio.

Includes Protective Pulling Caps, Max. Pull Tension 30lbs.

EZ Run Cables- AV- Component Video	
CN-EZ01B-xx	Non-Plenum AV-Component Video Replace xx with 15,25,35,50,75,100,125,150
CN-EZ02B-xx	Plenum AV-Component Video Replace xx with 15,25,35,50,75,100,125,150



EZ Wall Plates- Single Gang	
Catalog No.	Description
CN-EZMD4-FP	Wall Plate 3 RCA + MDIN 4 Female
CN-EZRWY-FP	Wall Plate 3 RCA- Composite Video + Stereo Audio
CN-EZD14B-FP	14 Pin Din Plate - Use Adapter Cables



EZ Run Adapter Cables		
Dwg.No	Catalog No.	Description
1	CN-EZMD4-xx	3 RCA (YWR)+ S-Video to D14- Or
2	CN-EZRWY-xx	3 RCA (YWR) to D14- Or

Replace xx with:
1, 3, 6, 10 (ft)

PROFESSIONAL AV

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