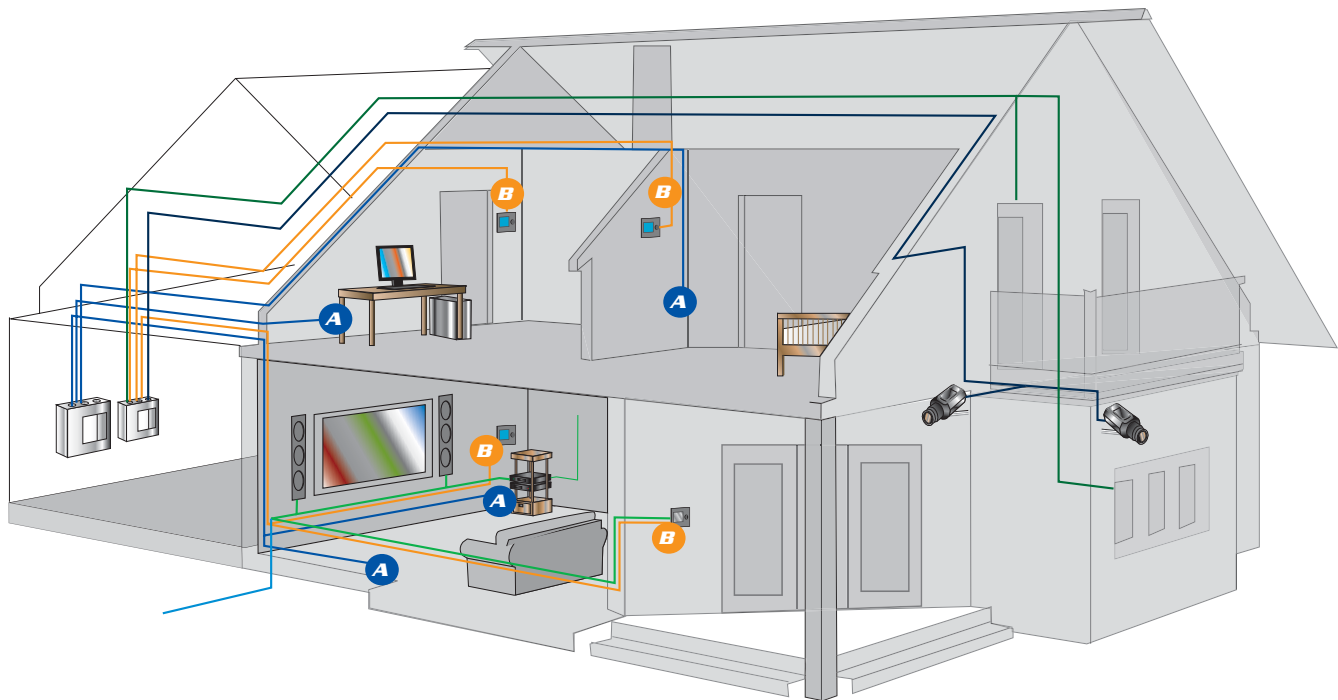


# Residential & Media Control Cables

**In the home.** Low voltage install cables are commonly linked to expansive commercial developments. The reality is more residential properties are requiring structured cables that exceed the TIA/EIA 570 Standards. West Penn Wire meets the need through home structured cabling, media control, high flex speaker cables and keypad audio control cables.



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## FEATURES

- Flexible Home speaker design
- Media Control - Crestnst- AMX
- Elan cable design
- Multiple constructed Homenetwork
- Installation tools

## MINI INDEX

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# Residential Cables



## Description:

- ASTM Bare Copper • PVC insulation • Short overall twist lengths
- Overall PVC jacket
- HA208- utilizes Polyolefin insulation

## Rating:

- NEC Type CL2
- (UL) Listed
- Flame Rating: UL1685



**More Flexible**

## Home Speaker Cable Two Conductor / Unshielded

### Applications:

Indoor for:

- Home Entertainment
- Sound and Audio
- Background Music
- Power-limited Control Circuits

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness		Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
						Inches				
HA225	2	16 AWG (65x34) BC 4.02 Ω/Mft	PVC .015	None	PVC .025	.199	CM	--	White, Blue & Black	
HA226	2	14 AWG (65x32) BC 2.58 Ω/Mft	PVC .015	None	PVC .025	.250	CL3	--	White, Black	
HA227	2	12 AWG (65x30) BC 1.7 Ω/Mft	PVC .015	None	PVC .025	.280	CL3	--	White, Black	
HA210	2	10 AWG (65x28) BC 1.1 Ω/Mft	PVC .012	None	PVC .020	.280	CL2	--	Gray	

### Color Code

Catalog No.	HA225A, HA226A, HA227A, HA210
Primary Color Code	Black, Red

## Speaker Level Audio Connectors

### Banana and Binding Post Connectors

Catalog No.	Description
19-1239	Banana Red
19-1240	Banana Black
CN-MDP8	Banana Plug (8 Awg.) Double
CN-BPX-24B	Binding Post with Red,Black



### Speakon Cable Mt. Female SPX

Catalog No.	Description
CN-NL4FX	4 Pole, SPX Gray
CN-NL4FX2	4 Pole, SPX Red
CN-NL4FX4	4 Pole, SPX Yellow
CN-NL4FX5	4 Pole, SPX Green
CN-NL4FX9	4 Pole, SPX White

### Speakon Audio Adapter

Catalog No.	Description
CN-NL4MMX	4 Pole Male to Male Adapter

### Speakon Cable Mt. Female Standard

Catalog No.	Description
CN-NL4FC	4 Pole, Standard

CN-NL4MMX

# Residential Cables

## Home Speaker Cable Four Conductor / Unshielded

### Applications:

Indoor for:

- Home Entertainment
- Sound and Audio
- Background Music
- Power-limited Control Circuits



**More Flexible**

Standard spool size 1000ft.



### Description:

- ASTM Bare Copper • PVC insulation • Cabled Construction
- Overall PVC jacket

### Rating:

- NEC Type CL2
- (UL) Listed
- Flame Rating: UL1685

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shielding	Jacket Type & Thickness		Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches				
HA245	4	16 AWG (65x34) BC 4.02 Ω/Mft	PVC .015	None	PVC .025	.242	CM	--	White	
HA246	4	14 AWG (65x32) BC 2.58 Ω/Mft	PVC .015	None	PVC .025	.307	CL3	--	White	

Color Code	
Catalog No.	HA245A, HA246A
Primary Color Code	Black, Red, White, Green

## Keypad with Volume Controls

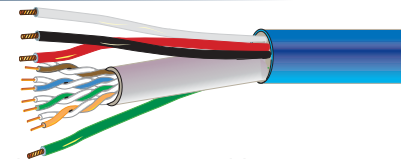
### Rating:

- NEC Type CM
- (UL) Listed
- Flame Rating: UL1685

Standard spool size 1000ft.

### Description:

- ASTM Bare Copper • PVC Insulation • Composite cable construction • 4 Pair 24 Awg. Category 5E cable + 4 conductor 16 AWG • Overall Blue PVC jacket

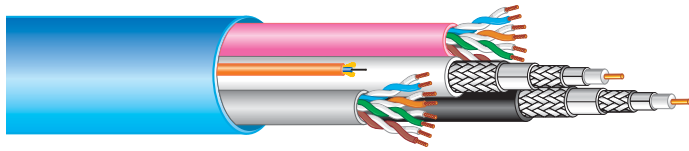


Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shielding	Jacket Type & Thickness		Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches				
HA1624	4 Cond.	16 AWG (65x34)	.015	None	PVC .020	.385	CM	--	14 pf/ft*	Blue
	4 Pair	24 AWG Solid	.008	None						

Color Code	
4 Cond.	1. Black, 2. Red, 3. White, 4. Green
4 Pair	1. Blue/ White-Blue, 2. Orange/ White-Orange, 3.Green/ White-Green, 4. Brown/ White-Brown

# Residential Cables

## HomeNetworking Composite Cable Hybrid Structured Cabling



### Description:

- RG6/U Type Coaxial Cables • 4 pair 24 Awg. Category 5E or 4 pair 24 Awg. Category 6 • 62.5/125µm Fiber Optic

### Rating:

- NEC Type CM
- (UL) Listed
- Flame Rating: UL1685

### Applications:

Indoor for:

- Home Entertainment
- Home Structured Cabling
- TIA-EIA 570-A Residential Standard

Standard spool size 1000ft.

Catalog No.	Cable Description	Overall Jacket & Cable O.D.	
		Inches	Jacket Color
HN5161 CM	1- RG6/U Quad-Shielded Coax Cable 1- 4 Pair Category 5E Cable	PVC Jkt. .525	Blue
HN5261 CM	1- RG6/U Quad-Shielded Coax Cable 2- 4 Pair Category 5E Cable	PVC Jkt. .585	Blue
HN5262 CM	2- RG6/U Quad-Shielded Coax Cable 2- 4 Pair Category 5E Cable	PVC Jkt. .620	Blue
HN5262F CM	2- RG6/U Quad-Shielded Coax Cable 2- 4 Pair Category 5E Cable 2- 62.5/125µm Multi-Mode Fiber Optic Cable	PVC Jkt. .660	Blue
LSHN5262 CM	2- RG6/U Quad-Shielded Coax Cable 2- 4 Pair Category 5E Cable	.610	Lickity Split Design
LSHN6262 CM New	2- RG6/U Quad-Shielded Coax Cable 2- 4 Pair Category 6 Cable	.620	Lickity Split Design

### Note:

Minimum quantities may apply on selected items.

**Home Networking Cable**

**Accessories:**

**CATV/MATV:** Pg.70

**LAN-Category Cable:** Pg.153-155

**Fiber Optic:** Pg. 168-169

Cable Specification			
Cable	RG6/U Quad-Shield	Category 5E Category 6	62.5/125µm Fiber Optic
Cable Specs.	See Pg. 66	Cat 5E - See Pg.146 Cat 6- See Pg.147	See Pg.164



# Media Control Cables

## Media Control Cable Specialized Control Systems

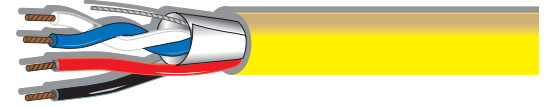
### Applications:

Indoor for:

- Home Control Systems
- Commercial Control Systems
- Sound and Audio

### Rating:

- NEC Type CMR and CMP
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1666 and NFPA 262 Smoke & Flame Test



### Description:

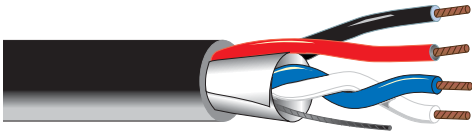
- ASTM Bare Copper • Foam Polyolefin Insulation (Data Pair), PVC (Control Pair) • Short overall twist lengths
- (Data Pair) Overall shield 100% coverage of aluminum polyester foil with drain wire, (Control Pair) Unshielded
- Overall PVC Jacket

Standard pool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
77350	4 (2 Shld)	22 AWG (7x30)	Polyolefin .025	Al. Foil- 100% drain wire	PVC .030	.255	CMR	12.5 pf/ft*	Yellow
	(2 Unshld)	18 AWG (7x26)	.010	None				22.5 pf/ft**	

\* Capacitance between conductors.

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



### Description:

- ASTM Bare Copper • Foam FEP Insulation (Data Pair), Fluoropolymer Insulation (Control Pair) • Short overall twist lengths • (Data Pair) Overall shield 100% coverage of aluminum polyester foil with drain wire, (Control Pair) Unshielded • Overall Copolymer Jacket

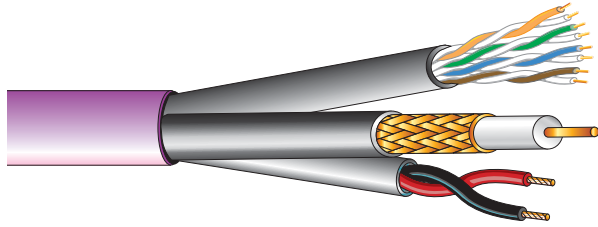
Standard pool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
D25350	4 (2 Shld)	22 AWG (7x30)	Foam FEP .022	Al. Foil- 100% drain wire	Copolymer .010	.196	CMP	12.5 pf/ft*	Black
	(2 Unshld)	18 AWG (7x26)	Fluoropolymer .007	None				22.5 pf/ft**	

### Color Code

Catalog No.	77350	D25350
Primary Colors	22 Awg Pair: Blue/White 18 Awg Control: Red/Black	22 Awg Pair: Blue/White 18 Awg Control: Red/Black

# Media Control Cables



## Media Control Cable Specialized Control Systems

### Applications:

Indoor for:

- Home Control Systems
- Commercial Control Systems
- Sound and Audio

### Rating:

- NEC Type CM
- (UL) Listed
- Flame Rating: UL1685

Standard spool size 1000ft.

Catalog No.	Cable Description	Overall Jacket & Cable O.D.	Jacket Color
		Inches	
<b>C2415</b> CM	1- 77350 Media Control Cable (Yellow Jacket) + 1- 4 Pair 24 AWG Category 5E Cable (Gray Jacket)  Overall PVC Jacket	PVC Jkt.  .485	<b>Yellow</b>
<b>C2425</b> CM	1- 77350 Media Control Cable (Yellow Jacket) + 2- 4 Pair 24 AWG Category 5E Cable (Pink and Gray Jacket)  Overall PVC Jacket	PVC Jkt.  .500	<b>Yellow</b>
<b>E1854</b> CM	1- Control Cable ( 2 Cond 18 Awg. Unshielded) Gray Jacket + 1- 4 Pair 24 AWG Category 5E Cable (Pink Jacket) + 1- CCTV Cable -RG59/U - 20 AWG Foam Dielectric 95% Bare Copper Braid (Black Jacket) Elan Via! Cable	PVC Jkt.  .579	<b>Violet</b>