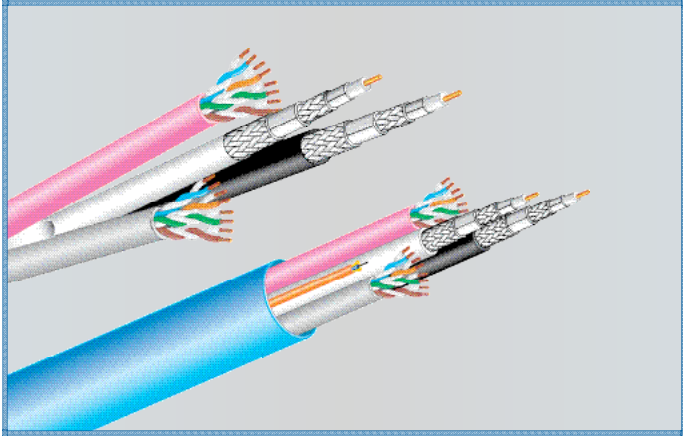


# Residential Cables

**WEST PENN WIRE**



**West Penn Wire** takes great pride in constructing the Home Networking line of cables. The same quality cables that **West Penn Wire** manufactures can now be installed in your home with our Residential line of cables.

**West Penn Wire** also has high performance cables that you may want for your home. Ranging from video to data, these cables are coax and twisted pairs:

- Cat 5E, Cat 6 UTP and fiber cables for voice, video and data.
- Series 6 and Series 59 video coax cables are for HDTV, DBS, CATV, SVHS, CCTV and cable modem applications.
- Home speaker cables for audio distribution.
- We also offer unshielded pairs for security and alarm ventures.

Our Lickity Split Bondled Composite Cables can be installed in a lot less time. These composite Cables feature a design that eliminates the need for an overall jacket. This makes the cable easier to handle, install, identify and terminate. A specialized material that is spread out every 4-7 inches attaches these cables to each other. Also with no jacket, it helps the overall bend radius for installations.

For more detailed information on our Residential cables, contact our Customer Service Department at **1-800-245-4964**, or e-mail us at: [sales@westpenn-wpw.com](mailto:sales@westpenn-wpw.com). You can also get more specific information on our web-site: [www.westpenn-wpw.com](http://www.westpenn-wpw.com)

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Over 95% of West Penn Wire cables are RoHS Compliant. For a detailed specification on individual products, contact our engineering department.

# Residential Cables

**WEST PENN WIRE**



## Home Speaker Cable

*Two Conductor / Unshielded*

### Applications:

Indoor for:

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

### Description:

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

### Rating:

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

Standard spool size 1000ft.

Catalog No.	No. of Cond.	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
HA225	2	16 AWG (26x30) BC 4.2 Ω/Mft	PVC .010	None	PVC .015	.199	CL2	--	White, Blue
HA226	2	14 AWG (41x30) BC 2.7 Ω/Mft	PVC .014	None	PVC .015	.245	CL2	--	White
HA227	2	12 AWG (65x30) BC 1.7 Ω/Mft	PVC .014	None	PVC .015	.280	CL2	--	White

Color Code	
Catalog No.	HA225, HA226, HA227
Primary Color Code	Black, Red

# Residential Cables

## Home Speaker Cable

Four Conductor / Unshielded



### Applications:

Indoor for:

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

### Description:

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

### Rating:

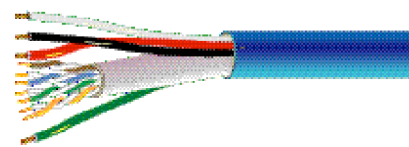
- NEC Type CL2
- (UL) or (ETL)us Listed
- Flame Rating: UL1685

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	Inches				
HA245	4	16 AWG (26x30) BC 4.2 Ω/Mft	PVC .010	None	PVC .015	.228	CL2	--	White	
HA246	4	14 AWG (41x30) BC 2.7 Ω/Mft	PVC .014	None	PVC .015	.295	CL2	--	White	

Color Code	
Catalog No.	HA245, HA246
Primary Color Code	Black, Red, White, Green

## Keypad with Volume Controls



### Rating:

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

### Description:

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

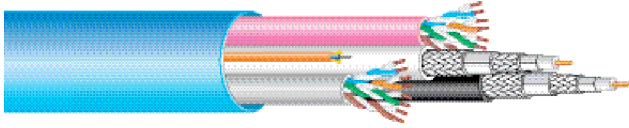
Standard spool size 1000ft.

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	Inches				
HA1624	4 Cond.	16 AWG (26x30)	.010	None	PVC .020	.375	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

**WEST PENN WIRE**



## HomeNetworking Composite Cable Hybrid Structured Cabling

### Applications:

Indoor for:

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

### 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

Standard spool size 1000ft.

Catalog No.	Cable Description	Overall Jacket & Cable O.D.	Jacket Color
		Inches	
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
LSHN5161 CM New	1- RG6/U Quad-Shielded Coax Cable 1- 4 Pair Category 5E Cable	.520	Lickity Split Design
LSHN5162 CM New	2- RG6/U Quad-Shielded Coax Cable 1- 4 Pair Category 5E Cable	.590	Lickity Split Design
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
LSHN6262F CM New	2- RG6/U Quad-Shielded Coax Cable 2- 4 Pair Category 6 Cable 2- 62.5/125µm Multi-Mode Fiber Optic Cable	.625	Lickity Split Design

### Note:

Minimum quantities may apply on selected items.

Cable Specification			
Cable	RG6/U Quad-Shield	Category 5E Category 6	62.5/125µm Fiber Optic
Cable Specs.	See Pg. 62	Cat 5E - See Pg.112 Cat 6- See Pg.113	See Pg.118



# Residential Cables

WEST PENN WIRE

## 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) C(UL) Listed or c(ETL)us 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 spool 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 spool size 1000ft.

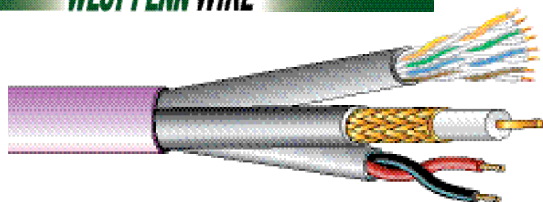
Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
D25350	4 (2 Shld)	22 AWG (7x30)	Foam FEP .022	Al. Foil- 100% drain wire	Copolymer .010	.196	CMP	12.5 pf/ft*	Black
	(2 Unshld)	18 AWG (7x26)	Fluoro-polymer .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

# Residential Cables

**WEST PENN WIRE**



## 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 pool 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>