

***WEST PENN WIRE***

***Speaker Cables***

# Commercial Cables

## Communication & Control Cable Two Conductor / Unshielded



### Description:

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

### Rating:

- NEC Type CMR or CL2R
- (UL)-C(UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1666

### Applications:

Indoor for:

- Intercom Systems
- Security Systems
- Sound and Audio
- Background Music
- Power-limited Control Circuits

Standard pool 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
220	2	22 AWG Solid 17.5 Ω/Mft	PVC .008	None	PVC .017	.118	CMR	--	Gray
221	2	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .017	.120	CMR	--	GY, WH
222	2	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	None	PVC .017	.138	CMR	--	GY, WH
224	2	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.156	CMR	--	GY, BK, BN, WH
225	2	16 AWG (19x29) 4.2 Ω/Mft	PVC .008	None	PVC .017	.182	CMR	--	GY, BK, BN, WH
226	2	14 AWG (19x27) 2.7 Ω/Mft	PVC .010	None	PVC .017	.230	CL2R*	--	GY, BK, BN, WH
227	2	12 AWG (19x25) 1.7 Ω/Mft	PVC .010	None	PVC .017	.260	CL2R*	--	GY, BK

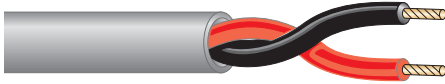
### Special Notes:

- Selected Plenum Versions see pages 28
- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see Aquaseal Catalog Section pg.40
- Cables are packaged in our Advantage Box. Larger AWG sized cables may be on a reel.
- \*- CL2R Meets 150V requirements for Low Voltage Circuits
- Speaker Connectors are listed on pg. 137
- Orange Rip Cord

Color Code		
Catalog Number	220, 221, 222, 224, 225	226, 227
Primary Color Code	1. Black, 2. Red	1. Black, 2. White
	Jacket: GY-Gray, BK-Black, BN-Brown, WH-White	

# Plenum Commercial Speaker Cables

## Plenum Communication & Control Cable Two Conductor / Unshielded Plenecon II ® Extra Flexible



### Description:

- ASTM Bare Copper • Polymer alloy insulation • Short over-all twist lengths • Overall plenum PVC jacket

### Rating:

- NEC Type CMP or CL2P
- (UL)-C(UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: NFPA-262 Smoke & Flame Test

Standard spool size 1000ft.

### Applications:

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

- Intercom Systems
- Security Systems
- Sound and Audio
- Background Music
- Power-limited Control Circuits

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
25221B	2	22 AWG (7x30) 17 Ω/Mft	Polymer alloy .007	None	Plenum PVC .015	.116	CMP	--	GY
25222B	2	20 AWG (7x28) 10.5 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.134	CMP	--	GY
25224B	2	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.154	CMP	--	GY, BK, BN, OR, GN, WH, YE
25225B	2	16 AWG (19x29) 4.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.176	CMP	--	GY, BK, GN
25226B	2	14 AWG (19x27) 2.7 Ω/Mft	Polymer alloy .010	None	Plenum PVC .015	.218	CL2P	--	GY, BK
25227B	2	12 AWG (19x25) 1.7 Ω/Mft	Polymer alloy .010	None	Plenum PVC .015	.256	CL2P	--	GY, BK

### Special Notes:

- Plenum Installation Precautions see Technical Reference Section Page 196
- Cables are packaged in our Advantage Box.

Color Code	
All Cables	1. Black, 2. Red
	JACKET: GY-Gray, BK-Black, BN-Brown, WH-White, YE-Yellow, BL-Blue, GN-Green

# Flexible Speaker 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



## 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	Shielding	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
			Inches		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

# Flexible Speaker Cables

## Home Speaker Cable Four Conductor / Unshielded

### Applications:

Indoor for:

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



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				
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

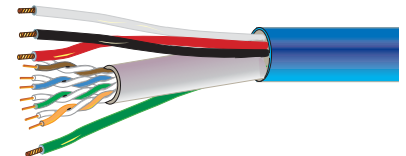
### Rating:

- 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

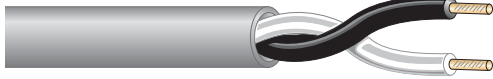


Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shielding	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
HA1624	4 Cond.	16 AWG (65x34)	.015	None	PVC .020	.385	CM	--	Blue
	4 Pair	24 AWG Solid	.008	None				14 pf/ft*	

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

# Large AWG Speaker Cables

## Communication & Control Cable Cluster Speaker Cable / Twisted Pair 8 and 10 AWG.



### Description:

- ASTM Bare Copper • PVC insulation with Nylon • Twisted pair construction • Overall PVC Sunlight Resistant jacket

### Rating:

- NEC Type TC
- (UL) Listed
- Meets 600 Volt - Class 1
- Approved for direct burial and outdoor use

### Applications:

- Indoor/ Outdoor for:
- Sound and Audio

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
C210	1	10 AWG (65x28) 1.10 Ω/Mft	PVC .020 Nylon .005	None	.047	.357	Tray Cable TC	--	Gray
<b>NEW</b> C208	1	8 AWG (65x26) .70Ω/Mft	PVC .032 Nylon .006	None	.062	.498	Tray Cable TC	--	Gray

Speaker Cable Accessories:  
Pages 137-138

### Color Code

C210	1. Black, 2. White
C208	JACKET: Gray

### Description:

- ASTM Bare Copper • (HA210), - Polyolefin, (25210)- Polymer Alloy • Twisted Pair Construction • Overall Jacket

### Ratings:

- HA210 - NEC Type CL2
- 25210- NEC Type CL2P
- (UL) Listed

### Applications:

- Indoor for:
- Sound and Audio
- Power-Limited Control Cable

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
HA210	1	10 AWG (65x28) 1.10 Ω/Mft	.012	None	PVC .025	.275	CL2	--	Gray
25210	1	10 AWG (65x28) 1.10 Ω/Mft	.012	None	Plenum PVC .015	.275	CL2P	--	Ivory

### Color Code

	1. Black, 2. White
Color Code	HA210 JACKET: Gray 25210 JACKET: Ivory

# Cluster Speaker Cables

## Communication & Control Cable

### Cluster Speaker Cable / Twisted Pair Unjacketed

#### Applications:

Indoor for:

- Cluster Speaker Cable
- Power-Limited Circuit Applications
- Sound and Audio
- Background Music

#### Description:

• ASTM Bare Copper • PVC Insulation with Nylon • Short overall twist Construction • Unjacketed

#### Rating:

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

Speaker Cable Accessories:  
Pages 137-138

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
C205	1	16 AWG (19x29) 4.2 Ω/Mft	PVC .015 Nylon .005	None	None	.194	CL2	--	Unjacketed
C206	1	14 AWG (41x30) 2.7 Ω/Mft	PVC .015 Nylon .005	None	None	.222	CL2	--	Unjacketed
C207	1	12 AWG (65x30) 1.7 Ω/Mft	PVC .015 Nylon .005	None	None	.260	CL2	--	Unjacketed

Color Code	
All Cables	1. Black, 2. White
	JACKET: Unjacketed



## Communication & Control Cable

### High Paired Speaker Cable

Standard spool size 500ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
<b>NEW</b> WP128P	8	12 AWG (19x25) 1.7 Ω/Mft	PVC .012"	None	PVC .035"	.750"	CL2R	--	Gray

