

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 |

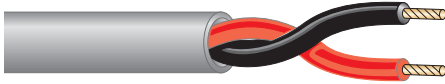
Special Notes:

- 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



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 | 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 Inches | Shielding | Jacket Type & Thickness | | Nom. O.D. Inches | 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

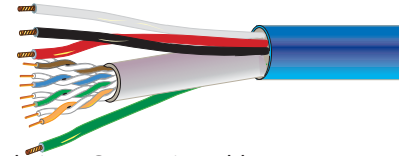
Rating:

- 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

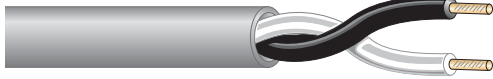


| Catalog No. | No. of Cond. | Conductor Type & Nom. D.C.R | Insulation Type & Thickness Inches | Shielding | Jacket Type & Thickness | | Nom. O.D. Inches | NEC Type | Nom. Capacitance | Jacket Color |
|-------------|--------------|-----------------------------|---------------------------------------|-----------|-------------------------|--------|---------------------|----------|------------------|--------------|
| | | | | | 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 |

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


Applications:

- Indoor/ Outdoor for:
- Sound and Audio

Rating:

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

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 |
|  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

Applications:

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

Ratings:

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

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:

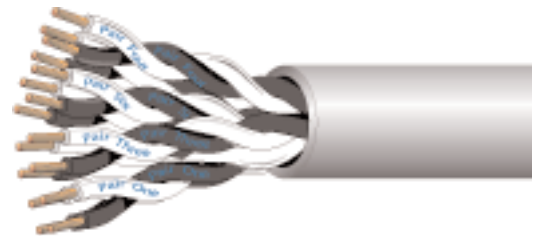
- NEC Type CL2
- (UL) Listed
- Flame Rating: UL1685

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 |
|-------------------|--------------|-----------------------------|------------------------------------|-----------|-------------------------|------------------|----------|------------------|--------------|
| NEW WP128P | 8 | 12 AWG (19x25) 1.7 Ω/Mft | PVC .012" | None | PVC .035" | .750" | CL2R | -- | Gray |