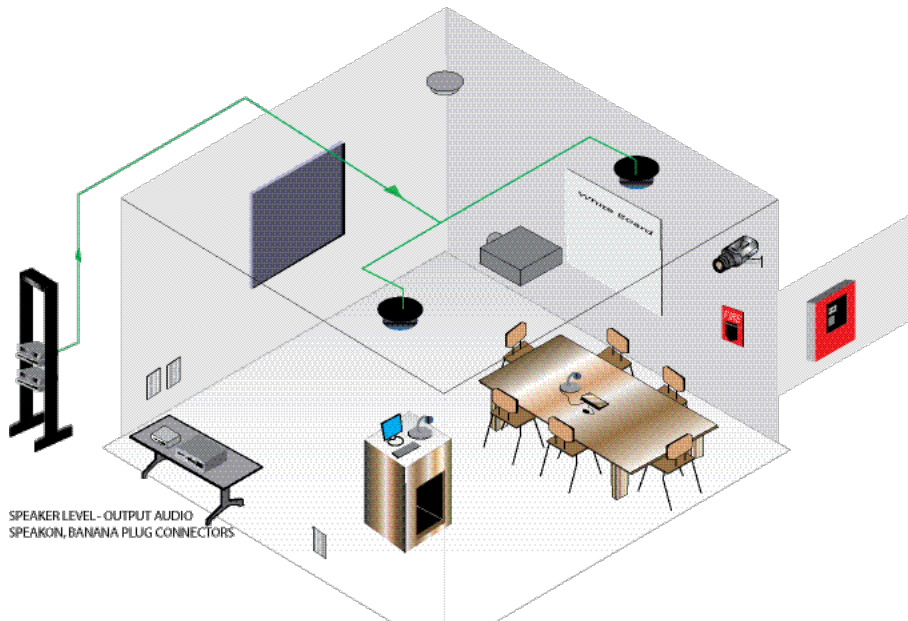


AUDIO CABLES - SPEAKER LEVEL



- A** **SPEAKON - Loadspeaker**
Application: Connection between amplifier and loadspeaker. Long wear, locking connector
- B** **Binding Post- For Banana Plugs**
Application: Commercial and Residential Speaker Connections



WEST PENN WIRE

800-245-4964

www.westpenn-wpw.com

PRODUCT INDEX:

2 CONDUCTOR COMMERCIAL SPEAKER CABLES	1
4 CONDUCTOR COMMERCIAL SPEAKER CABLES.....	2
AQUASEAL IN-CONDUIT SPEAKER CABLES	3
AQUASEAL DIRECT BURIAL SPEAKER CABLES	4
2 AND 4 CONDUCTOR HIGH FLEX SPEAKER CABLES	5
MULTIPLE PAIR 18AWG SPEAKER CABLES	6
LARGE AWG COMMERCIAL SPEAKER CABLES	7
CLUSTER SPEAKER CABLES	8
AUDIO CONTROL PAD CABLE.....	9
MULTIPLE PAIR- LINE ARRAY SPEAKER CABLES.....	9
SPEAKER CONNECTORS - BINDING POSTS, SPEAKON.....	10
SPEAKER CABLE ASSEMBLIES	10
SPEAKER SYSTEM PANELS AND PLATES	11

COMMERCIAL SPEAKER

Non-Plenum Speaker & Control Cable Two Conductor / Unshielded



Rating:

- NEC Type CMR or CL2R
- (UL)-C(UL) Listed SEE PG 252
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1666

Applications:

- Indoor for:
- Intercom Systems
 - Low Voltage Control
 - Low Voltage Power
 - Commercial Loudspeaker

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				
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

Rating:

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

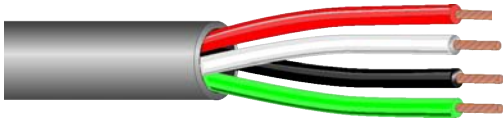
Plenum Speaker & Control Cable Two Conductor / Unshielded

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				
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

CL2R(P)* - UL Listed Only

COMMERCIAL SPEAKER

Non-Plenum Speaker & Control Cable Four Conductor / Unshielded



Rating:

- NEC Type CMR or CL2R
- (UL)-C(UL) Listed SEE PG 252
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1666

Applications:

Indoor for:

- Intercom Systems
- Low Voltage Control
- Low Voltage Power
- Commercial Loudspeaker

Standard pool size 1000ft.

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			
244	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.183	CMR	--	Gray
245	4	16 AWG (19x29) 4.2 Ω/Mft	PVC .009	None	PVC .017	.217	CMR	--	Gray
246	4	14 AWG (19x27) 2.7 Ω/Mft	PVC .010	None	PVC .017	.278	CL2R*	--	Gray
248	4	12 AWG (19x25) 1.7 Ω/Mft	PVC .010	None	PVC .017	.320	CL2R*	--	Gray

Rating:

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

Plenum Speaker & Control Cable Four Conductor / Unshielded

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			
25244B	4	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.180	CMP	--	Gray
25245B	4	16 AWG (19x29) 4.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.208	CMP	--	Gray
25246B	4	14 AWG (19x27) 2.7 Ω/Mft	Polymer alloy .010	None	Plenum PVC .015	.260	CL2P*	--	Gray
25248B	4	12 AWG (19x25) 1.7 Ω/Mft	Polymer alloy .010	None	Plenum PVC .015	.304	CL2P*	--	Gray

CL2R(P)* - UL Listed Only

COMMERCIAL SPEAKER **AQUASEAL**



Aquaseal® Water Blocking Cable 1 Pair / Unshielded

Description:

- ASTM Bare Copper • PVC Insulation • Short overall twist construction • Unshielded • Waterblocked Construction
- Overall Sunlight/ Moisture Resistant PVC Jacket

Rating:

- NEC Type CM / CL3/ FPL
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1685

Applications:

Indoor/Outdoor Use:

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

Underground- In-Conduit

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R.	Insulation Type & Thickness Inches	Shielding % Cov. Drain Wire	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
AQC224	1 Pair	18 AWG (7x26) 6.2Ω/Mft	PVC .010	None	PVC .025	.218	CM CL3/FPL	30pf/ft	Gray
AQC225	1 Pair	16 AWG (19x29) 4.2Ω/Mft	PVC .010	None	PVC .025	.242	CM CL3/FPL	35pf/ft	Gray

Special Notes:

- Aquaseal Water Resistant Cables is a Registered Trademark of West Penn Wire
- Select Items are Packaged in our Advantage Box
- Orange ripcord under jacket

Color Code	
All Cables	1. Black, 2. Red
	JACKET: Gray

COMMERCIAL SPEAKER **AQUASEAL**

Aquaseal® Water Blocking Cable **Multi-Conductor/ 300 Volts Power-Limited**



Applications:

Indoor/Outdoor Use:

- Low Voltage Industrial Process Control
- Power-Limited Circuits
- Power-Limited Fire Alarm Circuits
- Power-Limited Tray Cable PLTC
- Speaker Level

Underground - Direct Burial

Description:

- ASTM Bare Copper • PVC insulation with nylon • Twisted pair or cabled construction • Waterblocked Construction • Overall Sunlight/ Moisture Resistant PVC jacket

Rating:

- NEC Type FPL or PLTC or CL3
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Direct Burial
- 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
AQ224	1 Pair	18 AWG (7x26) 6.2 Ω/Mft	PVC .015 Nylon .005	None	.035	.270	CL3/FPL PLTC	25 pf/ft*	Black
AQ244	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .015 Nylon .005	None	.040	.327	CL3/FPL PLTC	25 pf/ft*	Black
AQ225	1 Pair	16 AWG (7x24) 4.2 Ω/Mft	PVC .015 Nylon .005	None	.040	.295	CL3/FPL PLTC	28 pf/ft*	Black
AQ245	4	16 AWG (7x24) 4.2 Ω/Mft	PVC .015 Nylon .005	None	.040	.355	CL3/FPL PLTC	28 pf/ft*	Black
AQ226	1 Pair	14 AWG (19x27) 2.7 Ω/Mft	PVC .015 Nylon .005	None	.040	.310	CL3/FPL PLTC	32 pf/ft*	Black
AQ246	4	14 AWG (19x27) 2.7 Ω/Mft	PVC .015 Nylon .005	None	.040	.395	CL3/FPL PLTC	32 pf/ft*	Black
AQ227	1 Pair	12 AWG (19x25) 1.7 Ω/Mft	PVC .015 Nylon .005	None	.040	.340	CL3/FPL PLTC	36 pf/ft*	Black

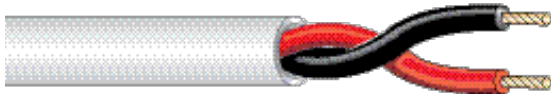
* Capacitance between conductors.

Color Code	
All Cables	1. Black, 2. Red, 3. Brown, 4. Blue
	JACKET: Black

Special Notes:

- Aquaseal Water Resistant Cables is a Registered Trademark of West Penn Wire
- Orange ripcord under jacket

HOME/COMMERCIAL SPEAKER



Home Speaker Cable

Two Conductor / Unshielded

Description:

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

Rating:

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

More Flexible

Applications:

- Indoor for:
 - Intercom Systems
 - Low Voltage Control
 - Home Speaker
 - Commercial Loadspeaker

Standard pool size 1000ft.

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				
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

Home Speaker Cable

Four Conductor / Unshielded

Applications:

Indoor for:

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

Standard pool size 1000ft.

Description:

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

Rating:

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

More Flexible

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

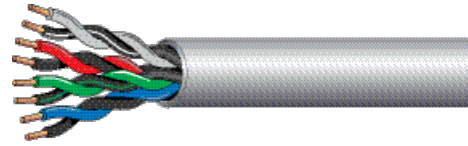
SPEAKER SNAKE

Communication & Control Cable 18 AWG Multiple Pair/ Unshielded featuring the PERFECT PAIR®

Applications:

Indoor for:

- Low Voltage Control
- Multi-Speaker
- Audio Systems



Description:

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

Rating:

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

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
751	2	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.257	CMR	32 pf/ft*	Gray
752	3	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.275	CMR	32 pf/ft*	Gray
753	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.310	CMR	32 pf/ft*	Gray

Special Notes:

- Cables are packaged in our Advantage Box.
- Orange Rip Cord

* Capacitance between conductors.

Plenum Communication & Control Cable Multiple Pair/ Unshielded 18 AWG Plenecon II® Extra Flexible

Description:

- ASTM Bare Copper • Polymer alloy insulation • Twisted pair construction • Overall plenum PVC jacket

Rating:

- NEC Type CMP

Standard spool size 1000ft.

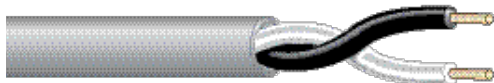
Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
25751B	2	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.253	CMP	--	Gray
25752B	3	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.275	CMP	--	Gray
25753B	4	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .008	None	Plenum PVC .015	.304	CMP	--	Gray

Special Notes:

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

LARGE AWG SPEAKER

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
 - Cluster Speaker
 - Long Distant Speaker

Standard spool size 1000ft.

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

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

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 10-11

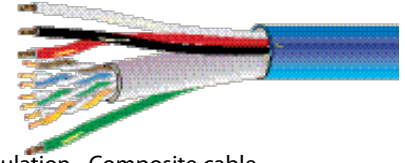
Standard spool size 1000ft.

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

SPEAKER AND CONTROL

Keypad with Volume Controls



Rating:

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

Description:

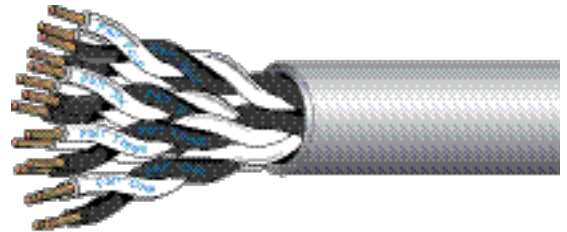
- ASTM Bare Copper • PVC Insulation • Composite cable construction • 4 Pair 24 Awg. Category 5E cable + 4 conductor 16 AWG • Overall Blue PVC jacket

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				
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

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
						Inches				
 WP128P	8	12 AWG (19x25) 1.7 Ω/Mft	PVC .015"	None	PVC .050"		.825"	CL2R	--	Gray



SPEAKER CONNECTORS & ASSEMBLIES

Speaker Level Audio Connectors Cable Mount

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

Speaker Level Audio Connectors Panel Mount

Panel Mount Connectors

Catalog No.	Description
CN-NL4MPST	Speakon Panel Mt. 4 Pole- D-size Screw terminal
CN-NL4MP	Speakon Panel Mt. 4 Pole - Solder



CN-NL4MPST

Speaker Level Audio Assemblies

Speakon to Speakon Assemblies

Catalog No.	Description
CN-SS16-xx	16Awg. Replace xx with: 6,10,25,50 ft.
CN-SS14-xx	14Awg. Replace xx with: 6,10,25,50 ft.
CN-SS12-xx	12Awg. Replace xx with: 6,10,25,50 ft.



Speakon to Banana Plug Assemblies

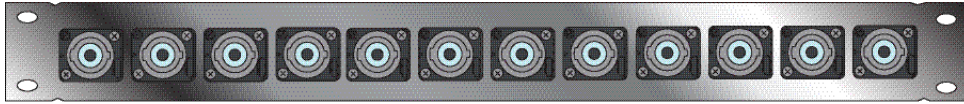
Catalog No.	Description
CN-SB16-xx	16Awg. Replace xx with: 6,10,25,50 ft.
CN-SB14-xx	14Awg. Replace xx with: 6,10,25,50 ft.
CN-SB12-xx	12Awg. Replace xx with: 6,10,25,50 ft.



SPEAKER AND CONTROL

Speaker Panels - Metal Black 4 Pole Speakon 19" Panels

1 RU- 4 Pole Rack Panels - 12 or 16 Speakon	
CN-1RUSPK12TB	1 RU - 12 Speakon Terminal Block Panel
CN-1RUSPK16TB	1 RU - 16 Speakon Terminal Block Panel
CN-1RUSPK12	1 RU - 12 Speakon Solder Panel
CN-1RUSPK16	1 RU - 16 Speakon Solder Panel



Speaker Level Wall Plates

Speakon Audio Wall Plates	
CN-SS1GSPK	Single Plate- Two 4 Pin Speakon- Stainless
CN-SS2GSPK	Dual Plate- Four 4 Pin Speakon- Stainless

