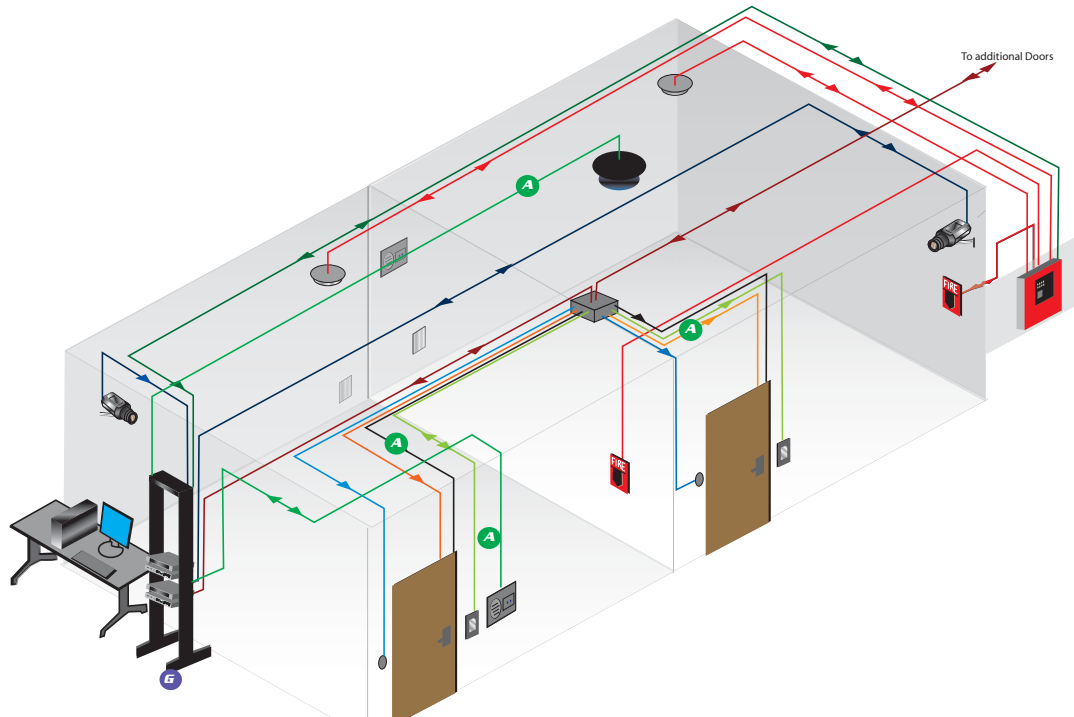


# Audio, Control, & Speaker Cables

**It starts here.** Most low voltage system installations start with communication and control cables which are able to perform in multiple applications. In this section of the catalog, you'll find everything from line level audio for school intercom to large gauge speaker applications and multiple conductor access control readers. No matter the installation we have you covered. Take a look. It's all in here.



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## FEATURES

- Commercial Speaker Level
- Intercom Communication
- System Control
- Audio Distribution
- Access Control Reader
- Access Control Accessory Cables
- Background Music
- Security Control
- Shielded and Unshielded
- 1-1000ft Incremental Footage Markers
- Imprinted Cable Labeling
- Advantage Box Packaging
- High Industry Spec Position

**NEW:** C208  
WP128P

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### Special Purpose Cables - Audio and Control Cables

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# Audio, Control, & Speaker 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	

# Audio, Control, & Speaker Cables

## Communication & Control Cable Three Conductor / Unshielded

### Applications:

Indoor for:

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



### Description:

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

### Rating:

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

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
230	3	22 AWG Solid 17.5 Ω/Mft	PVC .008	None	PVC .017	.125	CMR	--	Gray
231	3	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .017	.130	CMR	--	Gray
232	3	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	None	PVC .017	.146	CMR	--	Gray
234	3	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.168	CMR	--	Gray
235	3	16 AWG (19x29) 4.2 Ω/Mft	PVC .009	None	PVC .017	.198	CMR	--	Gray
236	3	14 AWG (19x27) 2.7 Ω/Mft	PVC .010	None	PVC .017	.240	CL2R*	--	Gray
238	3	12 AWG (19x25) 1.7 Ω/Mft	PVC .010	None	PVC .017	.281	CL2R*	--	Gray

Color Code	
Catalog Number	230, 231, 232, 234, 235, 236, 238
Primary Color Code	1. Black, 2. Red, 3. White
	JACKET: Gray

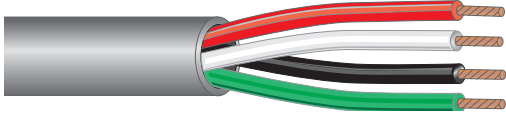
### Special Notes:

- Selected Plenum Versions see pages 29
- 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

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# Audio, Control, & Speaker Cables

## Communication & Control Cable Four Conductor / Unshielded



### Description:

- ASTM Bare Copper • PVC insulation • Cabled construction • 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
240	4	22 AWG Solid 17.5 Ω/Mft	PVC .008	None	PVC .017	.134	CMR	--	Gray
241	4	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .017	.138	CMR	--	Gray, White
242	4	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	None	PVC .017	.159	CMR	--	Gray
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

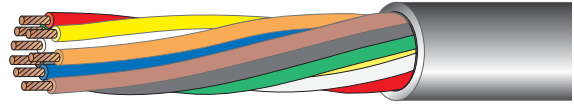
### Special Notes:

- Selected Plenum Versions see pages 30 & 31
- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see Aquaseal 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.
- Orange Rip Cord

Color Code	
All Cables	1. Black, 2. Red, 3. White, 4. Green JACKET: Gray
241	1. Black, 2. Red, 3. White, 4. Green JACKET: Gray, White

# Audio, Control, & Speaker Cables

## Communication & Control Cable Multiple Conductor 22 AWG / Unshielded featuring the PERFECT STRIPE®



### Applications:

Indoor for:

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

### Description:

- ASTM Bare Copper • PVC insulation • Cabled 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 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			
855	5	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .017	.150	CMR	--	Gray
270	6	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .017	.163	CMR	--	Gray
271	8	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .017	.176	CMR	--	Gray
272	10	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .017	.218	CMR	--	Gray
274	15	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .017	.251	CMR	--	Gray

### Special Notes:

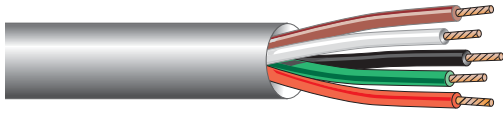
- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange ripcord under jacket

Color Code		
Colors	Colors	Colors
1. Black	8. Yellow	15. White/Green
2. Red	9. Purple	
3. White	10. Gray	
4. Green	11. Pink	
5. Brown	12. Tan	
6. Blue	13. White/Black*	
7. Orange	14.. White/ Red	
<b>JACKET:</b> Gray *Conductors 13 and above have PERFECT STRIPE®		

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# Audio, Control, & Speaker Cables

## Communication & Control Cable 16 AWG Multiple Conductor / Unshielded



### Description:

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

### Rating:

- NEC Type CMR
- (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 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
663	7	16 AWG (19x29) 4.2 Ω/Mft	PVC .009	None	PVC .020	.278	CMR	--	Gray

### Special Notes:

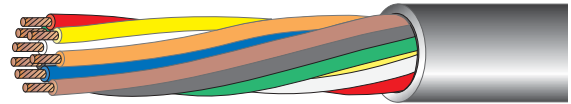
- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange ripcord under jacket

Color Code
Colors
1. Black
2. Red
3. White
4. Green
5. Brown
6. Blue
7. Orange
<b>JACKET:</b> Gray

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# Audio, Control, & Speaker Cables

## Communication & Control Cable Multiple Conductor 18 / Unshielded



### Applications:

Indoor for:

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

### Description:

- ASTM Bare Copper • PVC insulation • Cabled 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 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
280	5	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.205	CMR	--	Gray
281	7	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.225	CMR	--	Gray
282	9	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.263	CMR	--	Gray
283	12	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .017	.298	CMR	--	Gray
284	15	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .020	.348	CMR	--	Gray
285	20	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	None	PVC .020	.372	CMR	--	Gray

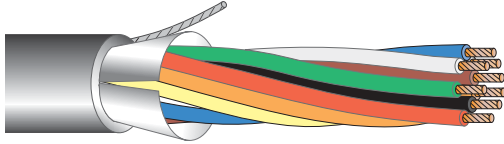
### Special Notes:

- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange ripcord under jacket

Color Code		
Colors	Colors	Colors
1. Black	8. Yellow	15. White/Green
2. Red	9. Purple	16. White/Orange
3. White	10. Gray	17. White/Blue
4. Green	11. Pink	18. White/Brown
5. Brown	12. Tan	19. White/Yellow
6. Blue	13. White/Black*	20. White/Purple
7. Orange	14.. White/ Red	
<b>JACKET: Gray</b> *Conductors 13 and above have PERFECT STRIPE®		

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# Audio, Control, & Speaker Cables



## Communication & Control Cable 22 AWG Multiple Conductor / Overall Shielded featuring the PERFECT STRIPE®

### Applications:

#### Indoor for:

- Intercom Systems
- Security Systems
- Sound and Audio
- Background Music
- Power-limited Control Circuits
- Card Reader Cables - Access Control

### Description:

- ASTM Bare Copper • PVC insulation • Overall shield 100% coverage of aluminum polyester foil with 24 AWG Strd. TC drain wire • Cabled 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 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
3241	4	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100%	PVC .017	.142	CMR	55 pf/ft* 99 pf/ft**	Gray
3855	5	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100%	PVC .017	.154	CMR	55 pf/ft* 99 pf/ft**	Gray
3270	6	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100%	PVC .017	.167	CMR	55 pf/ft* 99 pf/ft**	Gray
3271	8	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100%	PVC .017	.182	CMR	55 pf/ft* 99 pf/ft**	Gray
3272	10	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100%	PVC .017	.222	CMR	55 pf/ft* 99 pf/ft**	Gray
3274	15	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100%	PVC .020	.255	CMR	55 pf/ft* 99 pf/ft**	Gray

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Color Code		
Colors	Colors	Colors
1. Black	8. Yellow	15. White/Green
2. Red	9. Purple	
3. White	10. Gray	
4. Green	11. Pink	
5. Brown	12. Tan	
6. Blue	13. White/Black*	
7. Orange	14.. White/ Red	
<b>JACKET:</b> Gray		
*Conductors 13 and above have PERFECT STRIPE®		

\* Capacitance between conductors.

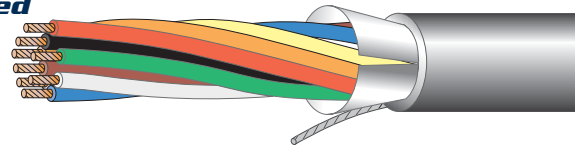
\*\* Capacitance between one conductor and the other connected to the shield

### Special Notes:

- Selected Plenum Versions see pages 33
- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange Rip Cord

# Audio, Control, & Speaker Cables

## Communication & Control Cable Multiple Conductor 20 AWG / Overall Shielded



### Applications:

Indoor for:

- Intercom Systems
- Security Systems
- Sound and Audio
- Background Music
- Power-limited Control Circuits
- Card Reader Cables- Access Control

### Description:

- ASTM Bare Copper • PVC insulation • Overall shield 100% coverage of aluminum polyester foil with 24 AWG Strd. TC drain wire • Cabled 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 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
3011	4	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .015	.163	CMR	60 pf/ft* 108 pf/ft**	Gray
3262	5	20AWG (7x28) 10.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .015	.179	CMR	60 pf/ft* 108 pf/ft**	Gray
3263	7	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .015	.198	CMR	60 pf/ft* 108 pf/ft**	Gray
3264	9	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .015	.229	CMR	60 pf/ft* 108 pf/ft**	Gray
3265	12	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .015	.259	CMR	60 pf/ft* 108 pf/ft**	Gray

\* Capacitance between conductors.

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

### Special Notes:

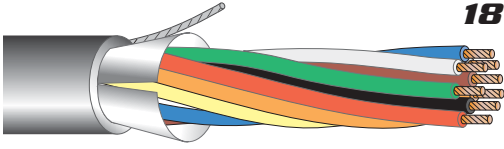
- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange Rip Cord

Color Code	
Colors	Colors
1. Black	8. Yellow
2. Red	9. Purple
3. White	10. Gray
4. Green	11. Pink
5. Brown	12. Tan
6. Blue	
7. Orange	
JACKET: Gray	

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# Audio, Control, & Speaker Cables

## Communication & Control Cable 18 & 16 AWG Multiple Conductor / Overall Shielded



### Description:

- ASTM Bare Copper • PVC insulation • Overall shield 100% coverage of aluminum polyester foil with 24 AWG Strd. TC drain wire • Cabled construction • Overall PVC jacket

### Rating:

- NEC Type CMR
- (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
- Card Reader Cables - Access Control

Standard pool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R.	Insulation Type & Thickness	Shielding & % Coverage	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
3244	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.187	CMR	68 pf/ft* 122 pf/ft**	Gray
3280	5	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.209	CMR	68 pf/ft* 122 pf/ft**	Gray
3021	6	18 AWG (7x26) 6.6 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.225	CMR	68 pf/ft* 122 pf/ft**	Gray
3281	7	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.230	CMR	68 pf/ft* 122 pf/ft**	Gray
3282	9	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.267	CMR	68 pf/ft* 122 pf/ft**	Gray
3283	12	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.302	CMR	68 pf/ft* 122 pf/ft**	Gray
3245	4	16 AWG (19x29) 4.2 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.225	CMR	80 pf/ft* 144 pf/ft**	Gray

Color Code- See pg. 9

\* Capacitance between conductors.

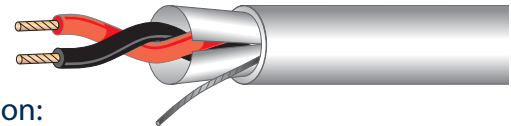
\*\* Capacitance between one conductor and the other connected to the shield

### Special Notes:

- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange Rip Cord
- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see Aquaseal Section pg.39

# Audio, Control, & Speaker Cables

## Communication & Control Cable Twisted Pair Overall Shielded / Two Conductor



### Applications:

#### Indoor for:

- Intercom Systems
- Security Systems
- Sound and Audio
- Background Music
- Power-limited Control Circuits
- Low Performance Line Level Audio

### Description:

- ASTM Bare Copper • PVC insulation • Overall shield 100% coverage of aluminum polyester foil with TC drain wire • Twisted pair construction • Overall PVC jacket

### Rating:

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

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage + Drain Wire	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
290	2	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100% 22 Solid	PVC .017	.120	CMR	54 pf/ft* 97 pf/ft**	Gray
291	2	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100% 24 Strd.	PVC .017	.127	CMR	55 pf/ft* 99 pf/ft**	GY, BK, GN, BN OR, RD, YE, VT, BL
292	2	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	Al. Foil 100% 24 Strd.	PVC .017	.140	CMR	60 pf/ft* 108 pf/ft**	Gray
293	2	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100% 24 Strd.	PVC .017	.160	CMR	68 pf/ft* 122 pf/ft**	Gray
294	2	16 AWG (19x29) 4.1 Ω/Mft	PVC .009	Al. Foil 100% 24 Strd.	PVC .017	.186	CMR	80 pf/ft* 144 pf/ft**	Gray
295	2	14 AWG (19x27) 2.7 Ω/Mft	PVC .010	Al. Foil 100% 24 Strd.	PVC .017	.234	CL2R*	76 pf/ft* 137 pf/ft**	Gray
296	2	12 AWG (19x25) 1.7 Ω/Mft	PVC .010	Al. Foil 100% 24 Strd.	PVC .017	.265	CL2R*	88 pf/ft* 158 pf/ft**	Gray

Color Code		
Catalog Number	290, 291, 292, 293, 294	295, 296
Primary Color Code	1. Black, 2. Red	1. Black, 2. White
	Jacket: GY-Gray, BK-Black, BN-Brown, GN-Green, RD-Red, YE- Yellow, BL-Blue, VT-Violet, OR- Orange	

Line Level Audio Cable Accessories:  
Pages 137-138

\* Capacitance between conductors.

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

### Special Notes:

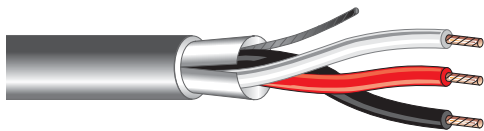
- Selected Plenum Versions see pages 32
- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see Aquaseal Section pg.39
- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- \*- CL2R Meets 150V requirements for Low Voltage Circuits
- Orange Rip Cord

• Professional Version: See Broadcast Audio Section Page 128.

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# Audio, Control, & Speaker Cables

## Communication & Control Cable Three Conductor / Overall Shield



### Description:

- ASTM Bare Copper • PVC insulation • Overall shield
- 100% coverage of aluminum polyester foil with TC drain wire • Cabled construction • Overall PVC jacket

### Rating:

- NEC Type CMR or CL2R
- (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 & % Coverage + Drain Wire	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
300	3	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100% 22 Solid	PVC .017	.130	CMR	54 pf/ft* 97 pf/ft**	Gray
301	3	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100% 24 Strd.	PVC .017	.138	CMR	55 pf/ft* 99 pf/ft**	Gray
302	3	20 AWG (7x28) BC 10.1 Ω/Mft	PVC .008	Al. Foil 100% 24 Strd.	PVC .017	.152	CMR	60 pf/ft* 108 pf/ft**	Gray
303	3	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100% 24 Strd.	PVC .017	.174	CMR	68 pf/ft* 122 pf/ft**	Gray

\* Capacitance between conductors.

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

### Special Notes:

- Selected Plenum Versions see pages 34
- Cables are packaged in our Advantage Box.
- Orange Rip Cord

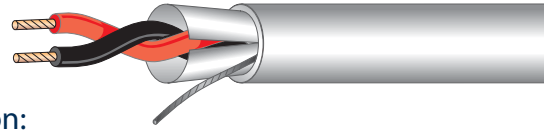
### Color Code

All Cables	1. Black, 2. Red, 3. White
	JACKET: Gray

# Audio, Control, & Speaker Cables

## Communication & Control Cable

### 22 AWG Miniature Audio Cable / Overall Shield



#### Applications:

##### Indoor for:

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

#### Description:

- ASTM Tinned Copper • Polypropylene insulation • Overall shield 100% coverage of aluminum polyester foil with TC drain wire • Twisted pair construction • Overall PVC jacket

#### Rating:

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

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Shielding & % Coverage + Drain Wire	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
450	2	22 AWG Solid 17.5 Ω/Mft	PP + .006	Al. Foil 100% 22 Solid	PVC .020	.118	CM	34 pf/ft* 67 pf/ft**	Black
451	3	22 AWG Solid 17.5 Ω/Mft	PP + .006	Al. Foil 100% 22 Solid	PVC .020	.130	CM	34 pf/ft* 67 pf/ft**	Black
452	2	22 AWG (7x30) 17 Ω/Mft	PP + .008	Al. Foil 100% 24 Strd.	PVC .020	.135	CM	32 pf/ft* 58 pf/ft**	Black

\* Capacitance between conductors.

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

PP + Polypropylene

Color Code	
All Cables	1. Black, 2. Red, 3. White
	JACKET: Black

#### Special Notes:

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

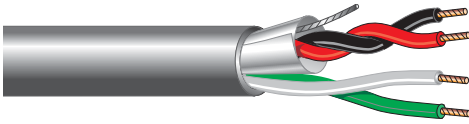
- Better- Version of product 452, listed on pg.134 P.N. (x)454

Line Level Audio Cable Accessories:  
Pages 128-134

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# Audio, Control, & Speaker Cables

## Communication & Control Cable Sound and Audio / Special Cable



### Description:

- ASTM Bare Copper • PVC insulation • Unshielded/ Shielded pair 100% coverage of aluminum polyester foil with drain wire • 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

### 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	Shielding & % Coverage + Drain Wire	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
351	3 (2 Shld) (1 Unshld)	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100% 22 Solid	PVC .017	.157	CMR	54 pf/ft* 97 pf/ft**	Gray
352	3 (2 Shld) (1 Unshld)	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100% 24 Strd.	PVC .017	.162	CMR	55 pf/ft* 99 pf/ft**	Gray
355	4 (2 Shld) (2 Unshld)	22 AWG Solid 17.5 Ω/Mft	PVC .007	Al. Foil 100% 22 Solid	PVC .017	.150	CMR	54 pf/ft* 97 pf/ft**	Gray
356	4 (2 Shld) (2 Unshld)	20 (7x28) 18 (7x26)	PVC .008	Al. Foil 100% 24 Strd.	PVC .017	.196	CMR	60 pf/ft* 108 pf/ft**	Gray
357	4 (2 Shld) (2 Unshld)	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100% 24 Strd.	PVC .017	.162	CMR	55 pf/ft* 99 pf/ft**	Gray
358	3 (2 Shld) (1 Unshld)	20 AWG (7x28) 10.1 Ω/Mft	PVC .008	Al. Foil 100% 22 Strd.	PVC .017	.182	CMR	60 pf/ft* 108 pf/ft**	Gray
359	4 (2 Shld) (2 Unshld)	20 AWG (7x28) 10.1 Ω/Mft	PVC .008	Al. Foil 100% 22 Strd.	PVC .017	.186	CMR	60 pf/ft* 108 pf/ft**	Gray
360	4 (2 Shld) (2 Unshld)	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100% 22 Strd.	PVC .017	.205	CMR	68 pf/ft* 122 pf/ft**	Gray
369	6 (2 Shld) (4 Unshld)	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100% 22 Solid	PVC .017	.170	CMR	54 pf/ft* 97 pf/ft**	Gray

### Special Notes:

- Selected Plenum Versions see pages 35
- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see Aquaseal Section pg.38
- Cables are packaged in our Advantage Box.
- Orange Rip Cord

\* Capacitance between conductors.

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

Color Code	
Catalog Number	351, 352, 355, 356, 357, 358, 359, 360
Primary Color Code	Shielded: Black, Red Unshielded: White, Green
	369
	Shld:1. Black, 2. Red Unshld: 3. White, 4. Green, 5. Brown, 6. Blue
JACKET: GY-Gray	

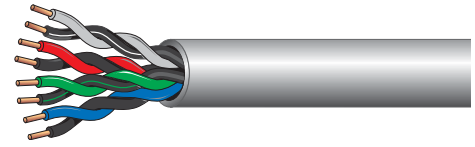
# Audio, Control, & Speaker Cables

## Communication & Control Cable 22 AWG Multiple Pair/ Unshielded featuring the PERFECT PAIR ®

### Applications:

#### Indoor for:

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



### 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
251	2	22 AWG Solid 17.5 Ω/Mft	PVC .008	None	PVC .017	.175	CMR	--	Gray
253	4	22 AWG Solid 17.5 Ω/Mft	PVC .008	None	PVC .017	.208	CMR	--	Gray

### Special Notes:

- Cables are packaged in our Advantage Box.
- Orange ripcord included on cables containing 3 or more pairs

Color Code
Colors
1. Black/ Red-Red
2. Black/ White-White
3. Black/ Green-Green
4. Black/ Blue-Blue
JACKET: Gray

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# Audio, Control, & Speaker Cables

## Communication & Control Cable Multiple Pair 22 AWG / Unshielded featuring the PERFECT PAIR®



### 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

### Applications:

#### Indoor for:

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

Standard pool 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
651	2	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .020	.192	CMR	28 pf/ft*	Gray
652	3	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .020	.205	CMR	28 pf/ft*	Gray
653	4	22 AWG (7x30) 17 Ω/Mft	PVC .007	None	PVC .020	.225	CMR	28 pf/ft*	Gray

\* Capacitance between conductors.

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### Special Notes:

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

Color Code
Colors
1. Black/Red-Red
2. Black/White-White
3. Black/Green-Green
4. Black/Blue-Blue
JACKET:
Gray

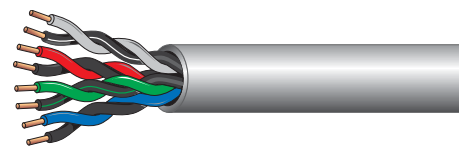
# Audio, Control, & Speaker Cables

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

### Applications:

#### Indoor for:

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



### 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

\* Capacitance between conductors.

Color Code
Colors
1. Black/Red-Red
2. Black/White-White
3. Black/Green-Green
4. Black/Blue-Blue
JACKET:
Gray

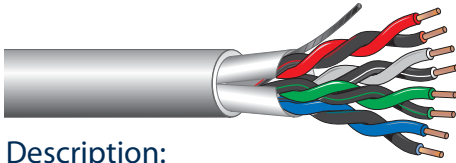
### Special Notes:

- Cables are packaged in our Advantage Box.
- Orange Rip Cord
- Selected Plenum Versions see pages 31

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# Audio, Control, & Speaker Cables

## Communication & Control Cable Multiple Pair 22 AWG / Overall Shielded featuring the PERFECT PAIR®



### Description:

- ASTM Bare Copper • PVC insulation • Overall shield 100% coverage of aluminum polyester foil with 24 AWG Strd. TC drain wire • 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

### Applications:

Indoor for:

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

Standard pool size 1000ft.

Catalog No.	No. of Pairs	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
3251	2	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.180	CMR	54 pf/ft* 97 pf/ft**	Gray
3252	3	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.194	CMR	54 pf/ft* 97 pf/ft**	Gray
3253	4	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.212	CMR	54 pf/ft* 97 pf/ft**	Gray

\* Capacitance between conductors.

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

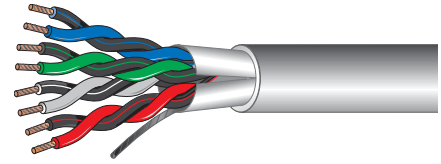
### Special Notes:

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

Color Code
Colors
1. Black/Red-Red
2. Black/White-White
3. Black/Green-Green
4. Black/Blue-Blue
JACKET:
Gray

# Audio, Control, & Speaker Cables

## Communication & Control Cable 22 AWG Multiple Pair / Overall Shielded featuring the PERFECT PAIR®



### Applications:

Indoor for:

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

### Description:

- ASTM Bare Copper • PVC insulation • Overall shield 100% coverage of aluminum polyester foil with 24 AWG Strd. TC drain wire • 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 & % Coverage	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
3651	2	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100%	PVC .020	.196	CMR	55 pf/ft* 99 pf/ft**	Gray
3652	3	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100%	PVC .020	.209	CMR	55 pf/ft* 99 pf/ft**	Gray
3653	4	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100%	PVC .020	.229	CMR	55 pf/ft* 99 pf/ft**	Gray
3654	6	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil 100%	PVC .020	.288	CMR	55 pf/ft* 99 pf/ft**	Gray

Color Code
Colors
1. Black/Red-Red
2. Black/White-White
3. Black/Green-Green
4. Black/Blue-Blue
5. Black/Yellow-Yellow
6. Black/Brown-Brown
<b>JACKET: Gray</b>

\* Capacitance between conductors.

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

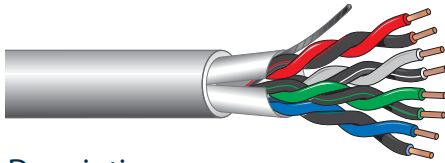
### Special Notes:

- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange Rip Cord

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# Audio, Control, & Speaker Cables

## Communication & Control Cable Multiple Pair 18 AWG / Overall Shielded featuring the PERFECT PAIR®



### Description:

- ASTM Bare Copper • PVC insulation • Overall shield 100% coverage of aluminum polyester foil with 24 AWG Strd. TC drain wire • 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

### Applications:

#### Indoor for:

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

Standard pool size 1000ft.

Catalog No.	No. of Pairs	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
3751	2	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.261	CMR	68 pf/ft* 122 pf/ft**	Gray
3752	3	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.281	CMR	68 pf/ft* 122 pf/ft**	Gray
3753	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.315	CMR	68 pf/ft* 122 pf/ft**	Gray

\* Capacitance between conductors.

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

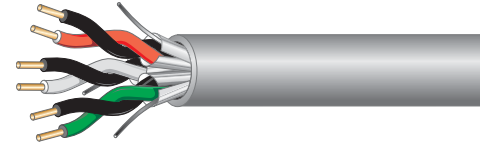
### Special Notes:

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

Color Code
Colors
1. Black/Red-Red
2. Black/White-White
3. Black/Green-Green
4. Black/Blue-Blue
JACKET:
Gray

# Audio, Control, & Speaker Cables

## Communication & Control Cable 22 AWG Multiple Pair / Each Pair Shielded featuring the PERFECT PAIR ®



### Applications:

Indoor for:

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

### Description:

- ASTM Bare Copper • PVC insulation • Each pair shielded 100% coverage of aluminum polyester foil with 22 AWG Solid TC drain wire
- 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	Ind. Pair Shielding % Coverage	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
420	2	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.195	CMR	54 pf/ft* 97 pf/ft**	Gray
422	6	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .017	.285	CMR	54 pf/ft* 97 pf/ft**	Gray
424	12	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .020	.379	CMR	54 pf/ft* 97 pf/ft**	Gray
425	15	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100%	PVC .020	.423	CMR	54 pf/ft* 97 pf/ft**	Gray

\* Capacitance between conductors.

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

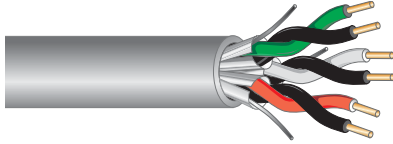
Color Code		
Colors	Colors	Colors
1. Black/Red-Red	8. Red/White-White	15. Green/Blue-Blue
2. Black/White-White	9. Red/Green-Green	
3. Black/Green-Green	10. Red/Blue-Blue	
4. Black/Blue-Blue	11. Red/Yellow-Yellow	
5. Black/Yellow-Yellow	12. Red/Brown-Brown	
6. Black/Brown-Brown	13. Red/Orange-Orange	
7. Black/Orange-Orange	14. Green/White-White	
JACKET: Gray		

### Special Notes:

- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see pages 41
- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange Rip Cord

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# Audio, Control, & Speaker Cables



## Communication & Control Cable Multiple Pair 22AWG / Each Pair Shielded

### Description:

- ASTM Tinned Copper • Polyolefin insulation • Each pair shielded 100% coverage of aluminum polyester foil with 24 AWG Strd. TC drain wire • Short overall twist construction • Overall PVC jacket

### Rating:

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

### Applications:

#### Indoor for:

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

Standard pool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R.	Insulation Type & Thickness	Ind. Pair Shielding % Coverage	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
D430	2	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.235	CM	34pf/ft* 67 pf/ft**	Gray
D431	3	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.258	CM	34pf/ft* 67 pf/ft**	Gray
D439	4	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.280	CM	34pf/ft* 67 pf/ft**	Gray
D432	6	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.332	CM	34pf/ft* 67 pf/ft**	Gray
D433	9	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .034	.390	CM	34pf/ft* 67 pf/ft**	Gray
D434	12	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .034	.420	CM	34pf/ft* 67 pf/ft**	Gray
D436	19	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .047	.565	CM	34pf/ft* 67 pf/ft**	Gray
D438	27	22 AWG (7x30) 17 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .047	.678	CM	34pf/ft* 67 pf/ft**	Gray

### Special Notes:

- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see pages 41
- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange Rip Cord

#### Electrical Characteristics

Nom. Vel of Propagation - 66%  
Nom. Impedance Ω 22 Awg.(7x30)- 55Ω

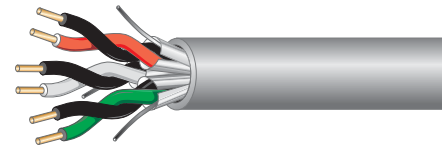
\* Capacitance between conductors.

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

Color Code- See pg. 23

# Audio, Control, & Speaker Cables

## Communication & Control Cable 18 AWG Multiple Pair / Each Pair Shielded



### Applications:

Indoor for:

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

### Description:

- ASTM Tinned Copper • Polyolefin insulation • Each pair shielded 100% coverage of aluminum polyester foil with 24 AWG Strd. TC drain wire • Short overall twist construction • Overall PVC jacket

### Rating:

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

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Ind. Pair Shielding % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
D440	2	18 AWG (7x26) 6.6 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.268	CM	42 pf/ft* 76 pf/ft**	Gray
D441	3	18 AWG (7x26) 6.6 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.285	CM	42 pf/ft* 76 pf/ft**	Gray
D442	4	18 AWG (7x26) 6.6 Ω/Mft	Polyolefin .006	Each Pair Al. Foil 100%	PVC .025	.312	CM	42 pf/ft* 76 pf/ft**	Gray

Electrical Characteristics  
Nom. Vel of Propagation - 66%

Line Level Audio Cable Accessories:  
Pages 128-134

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

### Special Notes:

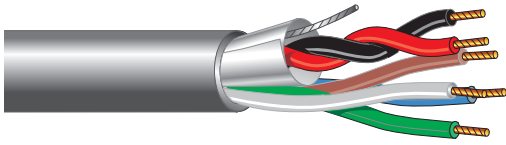
- Selected Plenum Versions see pages 36
- Cables are packaged in our Advantage Box. Larger AWG sized cables and Higher Paired cables may be on a reel.
- Orange rip cord

Color Code		
Colors	Colors	Colors
1. Black/Red	10. Red/Blue	19. White/Blue
2. Black/White	11. Red/Yellow	20. White/Yellow
3. Black/Green	12. Red/Brown	21. White/Brown
4. Black/Blue	13. Red/Orange	22. White/Orange
5. Black/Yellow	14. Green/White	23. Blue/Yellow
6. Black/Brown	15. Green/Blue	24. Blue/Brown
7. Black/Orange	16. Green/Yellow	25. Blue/Orange
8. Red/White	17. Green/Brown	26. Brown/Yellow
9. Red/Green	18. Green/Orange	27. Brown/Orange
JACKET: Gray		

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# Audio, Control, & Speaker Cables

## Communication & Control Cable Special Purpose Cable / Shielded/Unshielded



### Description:

- ASTM Bare Copper • PVC insulation • Unshielded / Shielded
- pairs 100% coverage of aluminum polyester foil with TC drain wire
- 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

### Applications:

Indoor for:

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

Standard pool size 1000ft.

Catalog No.	No. of Conductors	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Ind. Pair Shielding % Coverage + Drain	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
373	(6) 1 Shld. Pr. 2 Unshld. Pr.	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil 100% 22 Solid	PVC .017	.195	CMR	--	Gray
374	(4) 1 Unshld. Pr. 1 Unshld Pr.	18 AWG (7x26) 22 Awg. (7x30)	PVC .008	None	PVC .017	.218	CMR	--	Gray

### Special Notes:

- Cables are packaged in our Advantage Box.

Color Code		
Catalog No.	373	374
Primary Color Code	Shld Pair: Black/Red	18Awg: Black/White
	Unshld Pair: Black/ Green & Black/White	22Awg.Red/Green
JACKET: Gray		

# Audio, Control, & 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:

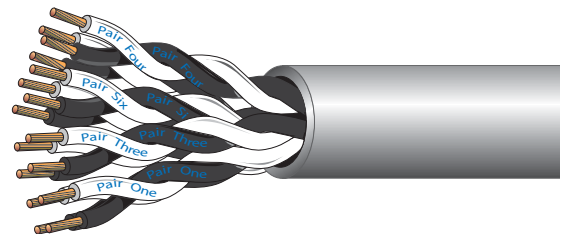
- NEC Type CL2
- (UL) Listed
- Flame Rating: UL1685

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



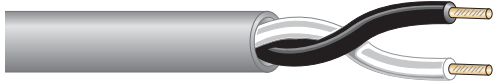
## Communication & Control Cable High Paired Speaker Cable

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

# Audio, Control, & 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
<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

### 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