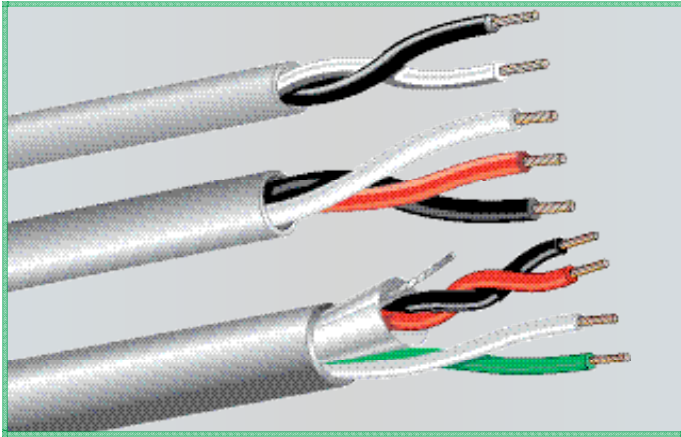


Communication & Control Cables

WEST PENN WIRE



West Penn Wire manufactures one of the largest, economical and reliable Communications and Control Cables in the Market. **West Penn Wire** Low Voltage Circuitry cables are typically used for control purposes such as remote signalling, as well as communication applications. Typical systems could include sound audio, security, and intercom.

These cables are designed and manufactured to meet NEC Article 725 and 800 requirements. All NEC rated cables are verified by an Independent Testing Laboratory.

For more detailed information on our Communication cables, contact our Customer Service Department at **1-800-245-4964**, or e-mail us at: **sales@westpenn-wpw.com**. Information can also be found on our website: **www.westpenn-wpw.com**

Mini Index

Unshielded Cables - Audio and Control Cables

Two Conductor/ Unshielded.....	2
Three Conductor/ Unshielded	3
Four Conductor/ Unshielded.....	4
Multiple Conductor/ Unshielded.....	5-7
Multiple Pair/ Unshielded.....	15-17

Shielded Cables - Audio and Control Cables

Multiple Conductor/ Overall Shield.....	8-10
Two Conductor/ Twisted Pair Overall Shielded	11
Three Conductor/ Overall Shield	12
Miniature Audio Cable/ Overall Shield	13
Multiple Pair/ Overall Shield	18-20
Multiple Pair/ Each Pair Shielded	21-23

Special Purpose Cables - Audio and Control Cables

Sound and Audio/ Special Cable.....	14
Special Purpose Cable/ Shielded-Unshielded	24
Cluster Speaker Cable	25-26

Special Purpose Cables - Audio and Control Cables

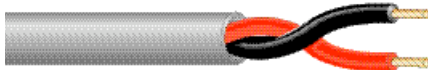
Burglar Cables 2 Conductor.....	2
Burglar Cables 4 Conductor.....	4



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

Communication & Control Cables

WEST PENN WIRE



Communication & Control Cable Two Conductor / Unshielded

Description:

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

Rating:

- NEC Type CMR or CL3R
- (UL)-C(UL) Listed or (ETL)us - c(ETL)us 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	Shielding	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches	Inches			
220	2	22 AWG Solid 17.5 Ω/Mft	PVC .010	None	PVC .015	.118	CMR	--	Gray
221	2	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.127	CMR	--	GY, BN, WH
222	2	20 AWG (7x28) 10.5 Ω/Mft	PVC .010	None	PVC .015	.141	CMR	--	GY, BN, WH
224	2	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .015	.155	CMR	--	GY, BK, BN, WH, BL, YE
225	2	16 AWG (19x29) 4.2 Ω/Mft	PVC .010	None	PVC .015	.189	CMR	--	GY, BN, WH, BK, YE
226	2	14 AWG (19x27) 2.7 Ω/Mft	PVC .014	None	PVC .015	.234	CL3R	--	GY, BN, WH, BK, YE
227	2	12 AWG (19x25) 1.7 Ω/Mft	PVC .014	None	PVC .015	.269	CL3R	--	GY, BK, YE

Burglar Wire

Rating:

- NEC Type CM

S221	2	22 AWG (7x30) 17 Ω/Mft	Poly-propylene .008	None	PVC .015	.102	CM	--	GY, WH
------	---	---------------------------	---------------------	------	----------	------	----	----	--------

Special Notes:

- Selected Plenum Versions see pages 28
- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see pages 40 & 43
- Select cables are available in our Easybox®

Color Code			
Catalog Number	220, 221,222, 224,225	226, 227	S221
Primary Color Code	1. Black, 2. Red	1. Black, 2. White	1. Black, 2. Red
Jacket: GY-Gray, BK-Black, BN-Brown, WH-White, RD-Red, YE- Yellow, BL-Blue			

Communication & Control Cables

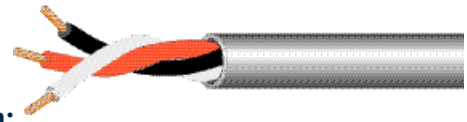
WEST PENN WIRE

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 CL3R
- (UL)-C(UL) Listed or (ETL)us - c(ETL)us 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			
230	3	22 AWG Solid 17.5 Ω/Mft	PVC .010	None	PVC .015	.141	CMR	--	Gray
231	3	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.141	CMR	--	Gray
232	3	20 AWG (7x28) 10.5 Ω/Mft	PVC .010	None	PVC .015	.158	CMR	--	Gray
234	3	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .015	.174	CMR	--	Gray
235	3	16 AWG (19x29) 4.2 Ω/Mft	PVC .010	None	PVC .015	.202	CMR	--	Gray
236	3	14 AWG (19x27) 2.7 Ω/Mft	PVC .014	None	PVC .015	.245	CL3R	--	Gray
238	3	12 AWG (19x25) 1.7 Ω/Mft	PVC .014	None	PVC .015	.307	CL3R	--	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 30
- Select cables are available in our Easybox®

Communication & Control Cables

WEST PENN WIRE

Communication & Control Cable Four Conductor / Unshielded



Description:

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

Rating:

- NEC Type CMR or CL3R
- (UL)-C(UL) Listed or (ETL)us - c(ETL)us 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
240	4	22 AWG Solid 17.5 Ω/Mft	PVC .010	None	PVC .015	.142	CMR	--	Gray
241	4	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.153	CMR	--	Gray
242	4	20 AWG (7x28) 10.5 Ω/Mft	PVC .010	None	PVC .015	.173	CMR	--	Gray
244	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .015	.191	CMR	--	Gray
245	4	16 AWG (19x29) 4.2 Ω/Mft	PVC .010	None	PVC .015	.222	CMR	--	Gray
246	4	14 AWG (19x27) 2.7 Ω/Mft	PVC .014	None	PVC .015	.292	CL3R	--	Gray
248	4	12 AWG (19x25) 1.7 Ω/Mft	PVC .014	None	PVC .015	.338	CL3R	--	Gray

Burglar Wire

Rating:

- NEC Type CM

S241	4	22 AWG (7x30) 17 Ω/Mft	Poly-propylene .008	None	PVC .015"	.129	CM	--	White, Gray
------	---	---------------------------	------------------------	------	--------------	------	----	----	-------------

Special Notes:

- Selected Plenum Versions see pages 30 & 31
- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see pages 40 & 43.
- Select cables are available in our Easybox®

Color Code	
All Cables	1. Black, 2. Red, 3. White, 4. Green JACKET: Gray
S241	1. Black, 2. Red, 3. White, 4. Green JACKET: White, Gray

Communication & Control 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

Standard spool size 1000ft.

Description:

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

Rating:

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

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 .010	None	PVC .015	.168	CMR	--	Gray
270	6	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.183	CMR	--	Gray
271	8	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.198	CMR	--	Gray
272	10	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.243	CMR	--	Gray
273	12	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.251	CMR	--	Gray
274	15	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .020	.278	CMR	--	Gray
275	20	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.308	CMR	--	Gray
276	25	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.343	CMR	--	Gray
277	30	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .020	.364	CMR	--	Gray

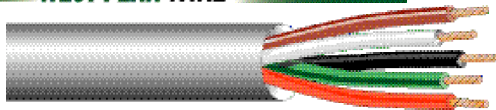
Special Notes:

- Select cables are available in our Easybox®
- Orange ripcord under jacket

Color Code- See page 6

Communication & Control Cables

WEST PENN WIRE



Communication & Control Cable 20 AWG Multiple Conductor / Unshielded

Description:

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

Rating:

- NEC Type CMR or CL3R
- (UL)-C(UL) Listed or c(ETL)us 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	Shielding	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
262	5	20 AWG (7x28) 10.5 Ω/Mft	PVC .010	None	PVC .015	.189	CMR	--	Gray
263	7	20 AWG (7x28) 10.5 Ω/Mft	PVC .010	None	PVC .015	.207	CMR	--	Gray
264	9	20 AWG (7x28) 10.5 Ω/Mft	PVC .010	None	PVC .015	.253	CMR	--	Gray
265	12	20 AWG (7x28) 10.5 Ω/Mft	PVC .010	None	PVC .020	.284	CMR	--	Gray

Color Code		
Colors	Colors	Colors
1. Black	11. Pink	21. White/ Gray
2. Red	12. Tan	22. Black/ Red
3. White	13. White/Black*	23. Black/ Green
4. Green	14.. White/ Red	24. Black/ Yellow
5. Brown	15. White/ Green	25. Black/ Blue
6. Blue	16. White/ Orange	26. Black/ Brown
7. Orange	17. White/ Blue	27. Black/ Orange
8. Yellow	18. White/ Brown	28. Black/ Gray
9. Purple	19. White/ Yellow	29. Black/ Purple
10. Gray	20. White/ Purple	30. Red/ Green
JACKET: Gray		
*Conductors 13 and above have PERFECT STRIPE®		

Special Notes:

- Selected cables are available in our Easybox®
- Orange ripcord under jacket

Communication & Control Cables

WEST PENN WIRE

Communication & Control Cable Multiple Conductor 18 & 16 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 or c(ETL)us 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 .010	None	PVC .015	.210	CMR	--	Gray
281	7	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .015	.240	CMR	--	Gray
282	9	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .015	.280	CMR	--	Gray
283	12	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .020	.316	CMR	--	Gray
284	15	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .020	.351	CMR	--	Gray
285	20	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .020	.391	CMR	--	Gray
663	7	16 AWG (19x29) 4.2 Ω/Mft	PVC .010	None	PVC .020	.278	CMR	--	Gray

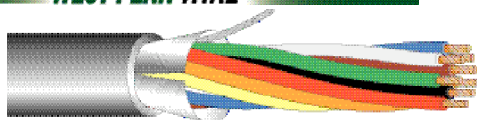
Special Notes:

- Select cables are available in our Easybox®
- 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	
JACKET: Gray		
*Conductors 13 and above have PERFECT STRIPE®		

Communication & Control Cables

WEST PENN WIRE



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

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 or c(ETL)us 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	Shielding & % Coverage	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
3241	4	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.157	CMR	55 pf/ft* 99 pf/ft**	Gray
3855	5	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.172	CMR	55 pf/ft* 99 pf/ft**	Gray
3270	6	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.187	CMR	55 pf/ft* 99 pf/ft**	Gray
3271	8	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.212	CMR	55 pf/ft* 99 pf/ft**	Gray
3272	10	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.247	CMR	55 pf/ft* 99 pf/ft**	Gray
3273	12	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.255	CMR	55 pf/ft* 99 pf/ft**	Gray
3274	15	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .020	.282	CMR	55 pf/ft* 99 pf/ft**	Gray
3275	20	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .020	.312	CMR	55 pf/ft* 99 pf/ft**	Gray

Color Code- See pg. 9

* Capacitance between conductors.

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

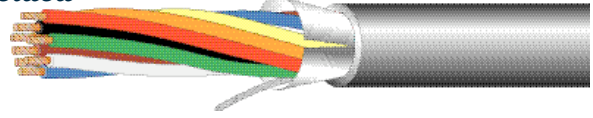
Special Notes:

- Selected Plenum Versions see pages 33
- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 5 or more conductors

Communication & Control Cables

Communication & Control Cable Multiple Conductor 20 AWG / Overall Shielded

WEST PENN WIRE



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 22 AWG Strd. TC drain wire • Cabled construction • Overall PVC jacket

Rating:

- NEC Type CMR
- (UL)-C(UL) Listed or c(ETL)us 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 .010	Al. Foil 100%	PVC .015	.176	CMR	60 pf/ft* 108 pf/ft**	Gray
3262	5	20AWG (7x28) 10.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.193	CMR	60 pf/ft* 108 pf/ft**	Gray
3263	7	20 AWG (7x28) 10.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.211	CMR	60 pf/ft* 108 pf/ft**	Gray
3264	9	20 AWG (7x28) 10.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.256	CMR	60 pf/ft* 108 pf/ft**	Gray
3265	12	20 AWG (7x28) 10.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.288	CMR	60 pf/ft* 108 pf/ft**	Gray

* Capacitance between conductors.

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

Special Notes:

- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 5 or more conductors

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	
JACKET: Gray		
*Conductors 13 and above have PERFECT STRIPE®		

Communication & Control Cables

WEST PENN WIRE

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 22 AWG Strd. TC drain wire • Cabled construction • Overall PVC jacket

Rating:

- NEC Type CMR
- (UL)-C(UL) Listed or c(ETL)us 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	Shielding	Jacket Type	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
			Type & Thickness Inches	& % Coverage	& Thickness Inches				
3244	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.195	CMR	68 pf/ft* 122 pf/ft**	Gray
3280	5	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.214	CMR	68 pf/ft* 122 pf/ft**	Gray
3021	6	18 AWG (7x26) 6.6 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.243	CMR	68 pf/ft* 122 pf/ft**	Gray
3281	7	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.245	CMR	68 pf/ft* 122 pf/ft**	Gray
3282	9	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.284	CMR	68 pf/ft* 122 pf/ft**	Gray
3283	12	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100%	PVC .020	.319	CMR	68 pf/ft* 122 pf/ft**	Gray
3245	4	16 AWG (19x29) 4.2 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.235	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:

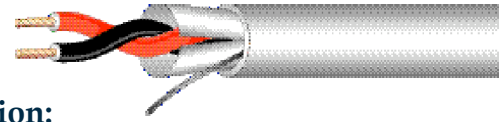
- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 5 or more conductors
- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see pages 39

Communication & Control Cables

Communication & Control Cable

Twisted Pair Overall Shielded/ Two Conductor

WEST PENN WIRE



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 TC drain wire • Twisted pair construction • Overall PVC jacket

Rating:

- NEC Type CMR
- (UL)-C(UL) Listed or (ETL)us - c(ETL)us 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
290	2	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100% 22 Solid	PVC .015	.123	CMR	54 pf/ft* 97 pf/ft**	Gray
291	2	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100% 24 Strd.	PVC .015	.131	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 .010	Al. Foil 100% 22 Strd.	PVC .015	.142	CMR	60 pf/ft* 108 pf/ft**	GY, BL
293	2	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100% 22 Strd.	PVC .015	.159	CMR	68 pf/ft* 122 pf/ft**	GY, BL
294	2	16 AWG (19x29) 4.1 Ω/Mft	PVC .010	Al. Foil 100% 22 Strd.	PVC .015	.182	CMR	80 pf/ft* 144 pf/ft**	Gray
295	2	14 AWG (19x27) 2.7 Ω/Mft	PVC .014	Al. Foil 100% 22 Strd.	PVC .015	.238	CL3R	76 pf/ft* 137 pf/ft**	Gray
296	2	12 AWG (19x25) 1.7 Ω/Mft	PVC .014	Al. Foil 100% 22 Strd.	PVC .015	.272	CL3R	88 pf/ft* 158 pf/ft**	Gray

* Capacitance between conductors.

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

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, WH-White, RD-Red, YE- Yellow, BL-Blue, VT-Violet, OR- Orange	

Special Notes:

- Selected Plenum Versions see pages 32
- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see pages 39 & 44.
- Select cables are available in our Easybox®

Communication & Control Cables

WEST PENN WIRE



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 CL3R
- (UL)-C(UL) Listed or (ETL)us - c(ETL)us 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	Shielding & % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches	% Coverage	Inches	Inches			
300	3	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100% 22 Solid	PVC .015	.134	CMR	54 pf/ft* 97 pf/ft**	Gray
301	3	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100% 24 Strd.	PVC .015	.145	CMR	55 pf/ft* 99 pf/ft**	Gray
302	3	20 AWG (7x28) BC 10.1 Ω/Mft	PVC .010	Al. Foil 100% 22 Strd.	PVC .015	.162	CMR	60 pf/ft* 108 pf/ft**	Gray
303	3	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100% 20 Strd.	PVC .015	.178	CMR	68 pf/ft* 122 pf/ft**	Gray
304	3	16 AWG (19x29) 4.2 Ω/Mft	PVC .010	Al. Foil 100% 22 Strd.	PVC .015	.206	CMR	80 pf/ft* 144 pf/ft**	Gray
305	3	14 AWG (19x27) 2.7Ω/Mft	PVC .014	Al. Foil 100% 22 Strd.	PVC .015	.270	CL3R	76 pf/ft* 137 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
- Select cables are available in our Easybox®

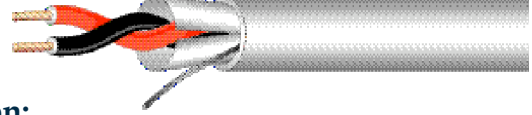
Color Code	
All Cables	1. Black, 2. Red, 3. White
	JACKET: Gray

Communication & Control Cables

Communication & Control Cable

22 AWG Miniature Audio Cable/ Overall Shield

WEST PENN WIRE



Applications:

Indoor for:

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

Description:

- ASTM Bare 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 or c(ETL)us 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	Shielding & % Coverage	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
			Inches	% Coverage	Inches				
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

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

Special Notes:

- Select cables are available in our Easybox®

Communication & Control Cables

WEST PENN WIRE



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 or c(ETL)us 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 %	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches	% Coverage	Inches				
351	3 (2 Shld) (1 Unshld)	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100% 22 Solid	PVC .015	.159	CMR	54 pf/ft* 97 pf/ft**	Gray
352	3 (2 Shld) (1 Unshld)	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100% 24 Strd.	PVC .015	.169	CMR	55 pf/ft* 99 pf/ft**	Gray
355	4 (2 Shld) (2 Unshld)	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100% 22 Solid	PVC .015	.156	CMR	54 pf/ft* 97 pf/ft**	Gray
356†	4 (2 Shld) (2 Unshld)	20 (7x28) 18 (7x26)	PVC .010	Al. Foil 100% drain	PVC .015	.200	CMR	60 pf/ft* 108 pf/ft**	Gray
357	4 (2 Shld) (2 Unshld)	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100% 24 Strd.	PVC .015	.168	CMR	55 pf/ft* 99 pf/ft**	GY, BL
358	3 (2 Shld) (1 Unshld)	20 AWG (7x28) 10.1 Ω/Mft	PVC .010	Al. Foil 100% 22 Strd.	PVC .015	.189	CMR	60 pf/ft* 108 pf/ft**	Gray
359	4 (2 Shld) (2 Unshld)	20 AWG (7x28) 10.1 Ω/Mft	PVC .010	Al. Foil 100% 22 Strd.	PVC .015	.191	CMR	60 pf/ft* 108 pf/ft**	Gray
360	4 (2 Shld) (2 Unshld)	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100% 22 Strd.	PVC .015	.209	CMR	68 pf/ft* 122 pf/ft**	Gray
369	6 (2 Shld) (4 Unshld)	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100% 22 Solid	PVC .015	.174	CMR	54 pf/ft* 97 pf/ft**	Gray

Special Notes:

- Selected Plenum Versions see pages 35
- Selected Indoor/Outdoor Aquaseal Water Resistant® Versions see pages 38
- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 5 or more conductors
- † Shielded pair contains 22AWG strd.drain wire

* 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	369
Primary Color Code	Shielded: Black, Red Unshielded: White, Green	1. Black, 2. Red, 3. White, 4. Green, 5. Brown, 6. Blue

JACKET: GY-Gray, BL-Blue

Communication & Control 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 or c(ETL)us 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	Shielding	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
251	2	22 AWG Solid 17.5 Ω/Mft	PVC .010	None	PVC .015	.179	CMR	--	Gray
252	3	22 AWG Solid 17.5 Ω/Mft	PVC .010	None	PVC .015	.193	CMR	--	Gray
253	4	22 AWG Solid 17.5 Ω/Mft	PVC .010	None	PVC .015	.212	CMR	--	Gray

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

Special Notes:

- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 3 or more pairs

Communication & Control Cables

WEST PENN WIRE



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 or c(ETL)us 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 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 .010	None	PVC .015	.197	CMR	28 pf/ft*	Gray
652	3	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.210	CMR	28 pf/ft*	Gray
653	4	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.230	CMR	28 pf/ft*	Gray
654	6	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .015	.289	CMR	28 pf/ft*	Gray
655	9	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .020	.340	CMR	28 pf/ft*	Gray
656	12	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .020	.384	CMR	28 pf/ft*	Gray
657	16	22 AWG (7x30) 17 Ω/Mft	PVC .010	None	PVC .020	.428	CMR	28 pf/ft*	Gray

* Capacitance between conductors.

Special Notes:

- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 3 or more pairs

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	16. Green/Yellow-Yellow
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		

Communication & Control 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 or c(ETL)us 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 .010	None	PVC .015	.248	CMR	32 pf/ft*	Gray
752	3	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .015	.275	CMR	32 pf/ft*	Gray
753	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .020	.302	CMR	32 pf/ft*	Gray
754	6	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .020	.366	CMR	32 pf/ft*	Gray
755	9	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	None	PVC .020	.432	CMR	32 pf/ft*	Gray

* Capacitance between conductors.

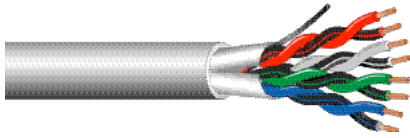
Color Code	
Colors	Colors
1. Black/Red-Red	6. Black/Brown-Brown
2. Black/White-White	7. Black/Orange-Orange
3. Black/Green-Green	8. Red/White-White
4. Black/Blue-Blue	9. Red/Green-Green
5. Black/Yellow-Yellow	
JACKET: Gray	

Special Notes:

- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 3 or more pairs

Communication & Control Cables

WEST PENN WIRE



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 or c(ETL)us Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: UL1666

Standard spool size 1000ft.

Applications:

Indoor for:

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

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shielding & % Coverage	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches	% Coverage	Inches	Inches			
3251	2	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.185	CMR	54 pf/ft* 97 pf/ft**	Gray
3252	3	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.197	CMR	54 pf/ft* 97 pf/ft**	Gray
3253	4	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.216	CMR	54 pf/ft* 97 pf/ft**	Gray

* Capacitance between conductors.

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

Special Notes:

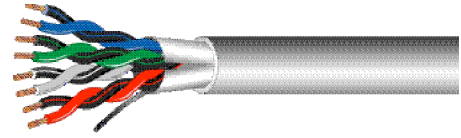
- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 3 or more pairs

Color Code- See pg. 19

Communication & Control Cables

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

WEST PENN WIRE



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 or c(ETL)us 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 .010	Al. Foil 100%	PVC .015	.201	CMR	55 pf/ft* 99 pf/ft**	Gray
3652	3	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.214	CMR	55 pf/ft* 99 pf/ft**	Gray
3653	4	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.244	CMR	55 pf/ft* 99 pf/ft**	Gray
3654	6	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.293	CMR	55 pf/ft* 99 pf/ft**	Gray
3655	9	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .020	.343	CMR	55 pf/ft* 99 pf/ft**	Gray
3656	12	22 AWG (7x30) 17 Ω/Mft	PVC .010	Al. Foil 100%	PVC .020	.388	CMR	55 pf/ft* 99 pf/ft**	Gray

Color Code	
Colors	Colors
1. Black/Red-Red	8. Red/White-White
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	
7. Black/Orange-Orange	
JACKET: Gray	

* Capacitance between conductors.

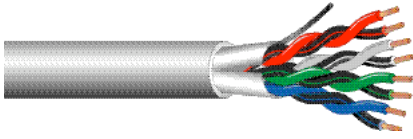
** Capacitance between one conductor and the other connected to the shield

Special Notes:

- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 3 or more pairs

Communication & Control Cables

WEST PENN WIRE



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 22 AWG Strd. TC drain wire • Short overall twist construction • Overall PVC jacket

Rating:

- NEC Type CMR
- (UL)-C(UL) Listed or c(ETL)us 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 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 .010	Al. Foil 100%	PVC .015	.252	CMR	68 pf/ft* 122 pf/ft**	Gray
3752	3	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.279	CMR	68 pf/ft* 122 pf/ft**	Gray
3753	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.306	CMR	68 pf/ft* 122 pf/ft**	Gray
3754	6	18 AWG (7x26) 6.2 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.369	CMR	68 pf/ft* 122 pf/ft**	Gray

Color Code- See pg. 21

* Capacitance between conductors.

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

Special Notes:

- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 3 or more pairs

Communication & Control 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 or c(ETL)us 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	Ind. Pair Shielding % Coverage	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
420	2	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.195	CMR	54 pf/ft* 97 pf/ft**	Gray
421	3	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.207	CMR	54 pf/ft* 97 pf/ft**	Gray
429	4	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.228	CMR	54 pf/ft* 97 pf/ft**	Gray
422	6	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.285	CMR	54 pf/ft* 97 pf/ft**	Gray
423	9	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .020	.336	CMR	54 pf/ft* 97 pf/ft**	Gray
424	12	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .020	.379	CMR	54 pf/ft* 97 pf/ft**	Gray
425	15	22 AWG Solid 17.5 Ω/Mft	PVC .010	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
- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 3 or more pairs

Communication & Control Cables

WEST PENN WIRE



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

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 or c(ETL)us 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

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. 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	.244	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
- Select cables are available in our Easybox®
- Orange ripcord included on cables containing 3 or more pairs

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

Communication & Control Cables

Communication & Control Cable

18 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 Tinned Copper • Polyolefin insulation • Each pair shielded 100% coverage of aluminum polyester foil with 22 AWG Strd. TC drain wire • Short overall twist construction • Overall PVC jacket

Rating:

- NEC Type CM
- (UL) Listed or c(ETL)us 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 Inches	Ind. Pair Shielding % Coverage	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
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%
Nom. Impedance Ω

* Capacitance between conductors.

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

Special Notes:

- Selected Plenum Versions see pages 36
- Select cables are available in our Easybox®

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		

Communication & Control Cables

WEST PENN WIRE



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

Applications:

Indoor for:

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

Rating:

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

Standard spool size 1000ft.

Catalog No.	No. of Conductors	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
373	(6) 1 Shld. Pr. 2 Unshld. Pr.	22 AWG Solid 17.5 Ω/Mft	PVC .010	Al. Foil 100%	PVC .015	.198	CMR	--	Gray
374	(4) 1 Unshld. Pr. 1 Unshld Pr.	18 AWG (7x26) 22 Awg. (7x30)	PVC .010	None	PVC .015	.222	CMR	--	Gray

Special Notes:

- Selected Plenum Versions see pages 35
- Select cables are available in our Easybox®

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		

Communication & Control Cables

Communication & Control Cable Cluster Speaker Cable/ Twisted Pair Unjacketed

WEST PENN WIRE

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) or (ETL)us Listed
- Flame Rating: UL1685

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

Special Notes:

- Select cables are available in our Easybox®

Communication & Control Cables

WEST PENN WIRE



Communication & Control Cable Cluster Speaker Cable / Twisted Pair

Description:

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

Applications:

- Indoor/ Outdoor for:
- Sound and Audio

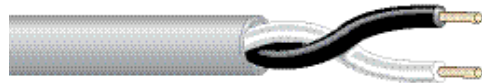
Rating:

- 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

Color Code	
C210	1. Black, 2. White
	JACKET: Gray



Description:

- ASTM Bare Copper • (HA210)- Polyolefin, (25210)- Fluoropolymer
- 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) or (ETL)us 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	.020	.275	CL2	--	Gray
25210	1	10 AWG (65x28) 1.10 Ω/Mft	.008	None	.015	.275	CL2P	--	Ivory

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