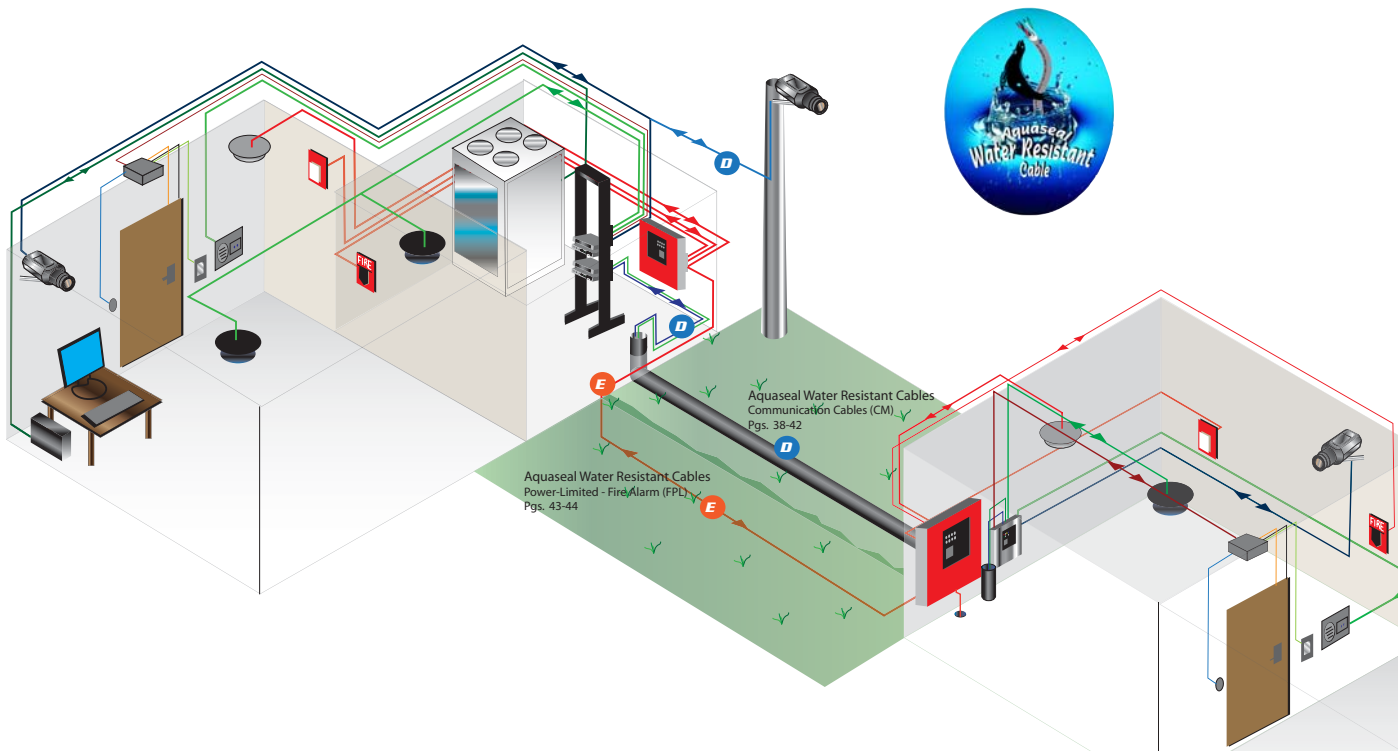


Aquaseal Water Resistant Cables®

No equal. If your installation calls for cables to run from one building to another, in conduit or directly buried in a wet location, have complete confidence in **Aquaseal Water Resistant Cables®**. With our water blocking tape, sunlight and moisture resistant jacket, you're assured signal integrity. Don't chance the install and settle for second best. When it comes to Aquaseal, there is no equal.



800-245-4964 • www.westpenn-wpw.com

FEATURES

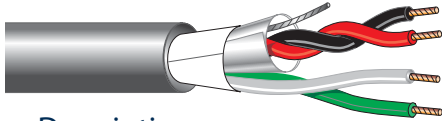
- In-Conduit or Direct Burial Versions
- AQ Versions FPL /CL3 Rated - Direct Burial
- AQC Versions CM Rated- In Conduit
- Exceeds Modified TIA455-82B Water infiltration Test.
- Two Ply water-blocking tape for maximum swell height under severe conditions.
- Multiple Market constructions

MINI INDEX

D	Aquaseal Communication Cables - Audio and Control	
	Combination Shielded/ Unshielded.....	38
	Multiple Conductor/ Shielded.....	39
	Multiple Conductor/ Unshielded.....	40
	Multiple Pairs/ Individually Shielded.....	41
	Coaxial Cables	42
E	Aquaseal Power-Limited Tray Cable - Fire Alarm Cables	
	Multiple Conductor/ Unshielded.....	43
	Multiple Conductor/ Shielded.....	44
	600 Volt Process Control Tray Cables (Not Aquaseal)	
	Multiple Conductor/ Unshielded.....	45
	Multiple Conductor/ Shielded.....	46

Aquaseal Cables

Aquaseal® Water Blocking Cable Combination / Shielded and Unshielded



Description:

- ASTM Bare Copper • PVC insulation • Unshielded/Shielded pair 100% coverage of aluminum polyester foil with drain wire • Short overall twist Construction • Waterblocked construction • Overall Sunlight/ Moisture Resistant PVC jacket

Rating:

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

Applications:

Indoor/Outdoor Use:

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

Place in Conduit - Outside

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	Drain Wire	Inches				
AQC351	3 (2 Shld) (1 Unshld)	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil- 100% 22 Solid	PVC .025	.215	CM CL3	54 pf/ft* 97 pf/ft**	Gray
AQC352	3 (2 Shld) (1 Unshld)	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil- 100% 24 Strd.	PVC .025	.230	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC355	4 (2 Shld) (2 Unshld)	22 AWG. Solid 17.5 Ω/Mft	PVC .008	Al. Foil- 100% 22 Solid	PVC .025	.220	CM CL3	54 pf/ft* 97 pf/ft**	Gray
AQC357	4 (2 Shld) (2 Unshld)	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil- 100% 24 Strd.	PVC .025	.235	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC369	6 (2 Shld) (4 Unshld)	22 AWG. Solid 17.5 Ω/Mft	PVC .008	Al. Foil- 100% 24 Solid	PVC .025	.240	CM CL3	54 pf/ft* 97 pf/ft**	Gray
AQC373	6 (1 Pr. Shld) (2 Pr. Unsh)	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil- 100% 24 Strd.	PVC .025	.260	CM CL3	54 pf/ft* 97 pf/ft**	Gray
AQC359	4 (2 Shld) (2 Unshld)	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	Al. Foil- 100% 24 Strd.	PVC .025	.266	CM CL3	60 pf/ft* 108 pf/ft**	Gray
AQC358	3 (2 Shld) (1 Unshld)	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	Al. Foil- 100% 24 Strd.	PVC .025	.260	CM CL3	60 pf/ft* 108 pf/ft**	Gray

* Capacitance between conductors.

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

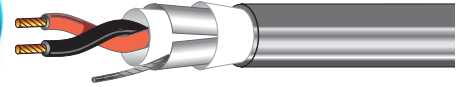
Special Notes:

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

Color Code			
Catalog No.	AQC351, AQC352, AQC358, AQC355, AQC357, AQC359	AQC369	AQC373
Primary Color Code	Shielded: Black, Red Unshielded: White, Green	Black, Red, White, Green, Brown, Blue	Shielded: Black, Red Unshielded: Black, Green & Black, White
JACKET: Gray			

Aquaseal Cables

Aquaseal® Water Blocking Cable Two & Multiple Conductor / Shielded



Applications:

Indoor/Outdoor Use:

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

Description:

- ASTM Bare Copper • PVC insulation • Short overall twist lengths
- Overall shield 100% coverage of aluminum polyester foil with drain wire • Waterblocked construction • Overall Sunlight/ Moisture Resistant PVC jacket

Rating:

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

Place in Conduit - Outside

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	Drain Wire	Inches				
AQC290	1 Pair	22 AWG Solid 17.5 Ω/Mft	PVC .008	Al. Foil-100% 22 Solid	PVC .025	.200	CM CL3	54 pf/ft* 97 pf/ft**	Gray
AQC291	1 Pair	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.205	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC3274	15 Cond.	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.361	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC292	1 Pair	20 AWG (7x28) 10.5 Ω/Mft	PVC .008	Al. Foil-100% 24 Strd.	PVC .025	.220	CM CL3	60 pf/ft* 108 pf/ft**	Gray
AQC293	1 Pair	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil-100% 24 Strd.	PVC .025	.235	CM CL3	68 pf/ft* 122 pf/ft**	Gray
AQC3186	6 Cond.	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil-100% 24 Strd.	PVC .025	.323	CM CL3	68 pf/ft* 122 pf/ft**	Gray
AQC3283	12 Cond.	18 AWG (7x26) 6.2 Ω/Mft	PVC .008	Al. Foil-100% 24 Strd.	PVC .025	.410	CM CL3	68 pf/ft* 122 pf/ft**	Gray
AQC3125	5 Cond.	12 AWG (19x25) 1.8 Ω/Mft	PVC .020	Al. Foil-100% 22 Strd.	PVC .040	.545	CM CL3	75 pf/ft* 135 pf/ft**	Black with red Stripe



Red-Stripe: LED Obstruction Lighting Cable

* Capacitance between conductors.

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

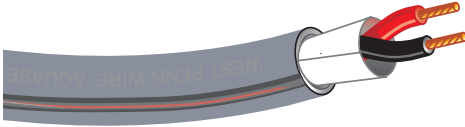
Color Code			
Catalog No.	AQC291, AQC292, AQC293, AQC290	AQC3186, AQC3274, AQC3283	AQC3125
Primary Color Code	1. Black, 2. Red	1. Black, 2. Red, 3. White, 4. Green, 5. Brown, 6. Blue, 7. Orange, 8. Yellow, 9. Purple, 10. Gray, 11. Pink, 12. Tan, 13. White/Black, 14. White/Red, 15. White/Green	1. Black, 2. Red, 3. White, 4. Blue, 5. Brown,
JACKET: Gray Conductors 13 and above have PERFECT STRIPE®			JACKET: Black with red stripe

Special Notes:

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

Aquaseal Cables

Aquaseal® Water Blocking Cable Multiple Conductor / Unshielded



Description:

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

Rating:

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

Applications:

Indoor/Outdoor Use:

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

Place in Conduit - Outside

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shielding % Cov.	Jacket Type & Thickness	Nom. O.D.	NEC Type	Nom. Capacitance	Jacket Color
			Inches	Drain Wire	Inches	Inches			
AQC224	1 Pair	18 AWG (7x26) 6.2Ω/Mft	PVC .008	None	PVC .025	.194	CM CL3	NA	Gray
AQC188	8	18 AWG (7x26) 6.2Ω/Mft	PVC .008	None	PVC .025	.340	CM CL3	NA	Gray
AQC225	1 Pair	16 AWG (19x29) 4.2Ω/Mft	PVC .008	None	PVC .025	.228	CM CL3	NA	Gray
AQC240	4	22 AWG Solid 17.5 Ω/Mft	PVC .008	None	PVC .025	.194	CM CL3	NA	Gray

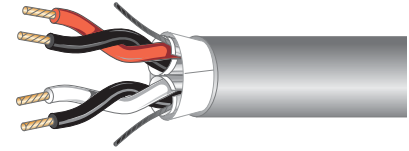
Special Notes:

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

Color Code	
All Cables	1. Black, 2. Red, 3. White, 4. Green, 5. Brown, 6. Blue, 7. Orange, 8. Yellow
	JACKET: Gray

Aquaseal Cables

Aquaseal® Water Blocking Cable Multiple Pair / Each Pair Individually Shielded



Applications:

Indoor/Outdoor Use:

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

Description:

- ASTM Bare Copper • PVC insulation • Short overall twist lengths
- Individually shield 100% coverage of aluminum polyester foil with TC drain wire • Waterblocked construction • Overall Sunlight/ Moisture Resistant PVC jacket

Rating:

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

Place in Conduit - Outside

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness Inches	Individual Shielding % Cov. Drain Wire	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
AQC430	2	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.380	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC439	4	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.427	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC432	6	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.520	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC434	12	22 AWG (7x30) 17 Ω/Mft	PVC .007	Al. Foil-100% 24 Strd.	PVC .025	.698	CM CL3	55 pf/ft* 99 pf/ft**	Gray
AQC420	2	22 AWG (Solid) 17.5 Ω/Mft	PVC .008	Al. Foil-100% 22 Solid	PVC .025	.370	CM CL3	54 pf/ft* 97 pf/ft**	Gray
AQC429	4	22 AWG (Solid) 17.5 Ω/Mft	PVC .008	Al. Foil-100% 22 Solid	PVC .025	.417	CM CL3	54 pf/ft* 97 pf/ft**	Gray
AQC422	6	22 AWG (Solid) 17.5 Ω/Mft	PVC .008	Al. Foil-100% 22 Solid	PVC .025	.510	CM CL3	54 pf/ft* 97 pf/ft**	Gray
AQC424	12	22 AWG (Solid) 17.5 Ω/Mft	PVC .008	Al. Foil-100% 22 Solid	PVC .025	.588	CM CL3	54 pf/ft* 97 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	

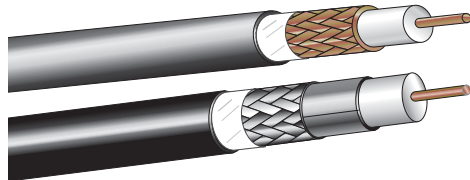
* Capacitance between conductors.

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

Special Notes:

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

Aquaseal Cables



Aquaseal® Water Blocking Cable Coaxial Cables / Pro-Video- CATV - CCTV

Applications:

Indoor/Outdoor:

- CCTV Security
- SDI - Pro-Video
- MATV/CATV

Place in Conduit - Outside

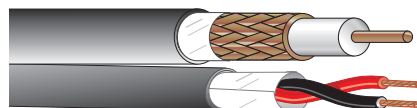
Standard spool size 1000ft.

Features:

- NEC Type CM
- Waterblocking Tape

Mechanical Specifications

Catalog No.	Conductor Type & Nom. D.C.R	Nominal O.D		Insulation Type, O.D.	Shielding % Coverage	Jacket Type	Jacket Colors	NEC Type	Jacket Color			
		Inches	Inches									
AQC819	20 AWG Solid BC 10 Ω/M'	.242	Gas Injected PE .142	Waterblocking tape + Bifoil 100% TC Braid 95%	Sunlight Resistant PVC	Black	CM	Black	Connectors Type	Connector	Strip Tool	Tool
									75Ω 3 Pc. BNC -	CN-BM74-32	TL-7503	TL-104
									75Ω Compression BNC -	CN-CSBNC-59	TL-CSST	TL-SNSA
AQC815	20 AWG Solid BC 10 Ω/M'	.242	Gas Injected PE .142 + Tape Barrier	Waterblocking tape + Bifoil Bare Copper Braid 95%	Sunlight Resistant PVC	Black	CM	Black	Connectors Type	Connector	Strip Tool	Tool
									75Ω 3 Pc. BNC -	CN-BM74-32	TL-7503	TL-104
									75Ω Compression BNC -	CN-CSBNC-59	TL-CSST	TL-SNSA
AQC841	18 AWG Solid BC 6.5 Ω/M'	.275	Gas Injected PE .180	Waterblocking tape + 100% + Bifoil Al. Braid 65%	Sunlight Resistant PVC	Black	CM	Black	Connectors Type	Connector	Strip Tool	Tool
									"F" Type-	CN-F56AQ	TL-7502	TL-111
									"F" Compression -	CN-CSF-6	TL-CSST	TL-548G
AQC806	18 AWG Solid BC 6.5 Ω/M'	.280	Gas Injected PE .180 + Tape Barrier	Waterblocking tape + Bifoil Bare Copper Braid 95%	Sunlight Resistant PVC	Black	CM	Black	Connector Type	Connectors	Strip Tool	Tool
									75Ω 3 Pc. Crimp BNC	CN-BM73-5	TL-7503	TL-107
									75Ω Compression BNC	CN-CSBNC-6	TL-CSST	TL-SNSA
AQC2806	18 AWG Solid BC 6.5 Ω/M'	.280 x .580	Gas Injected PE .180 + Tape Barrier	Waterblocking tape + Bifoil Bare Copper Braid 95%	Sunlight Resistant PVC Black- Lickity Split	Black	CM	Black	Connector Type	Connectors	Strip Tool	Tool
									75Ω 3 Pc. Crimp BNC	CN-BM73-5	TL-7503	TL-107
									75Ω Compression BNC	CN-CSBNC-6	TL-CSST	TL-SNSA



Cable Construction:
1 Coax unit plus 1 pair 16 AWG Unshld.

AQC2806- Lickity Split Design



Electrical Specifications:

See Coaxial Cable Section for Electrical Specifications

Aquaseal Cables

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



Applications:

Indoor/Outdoor Use:

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

Direct Burial

Description:

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

Rating:

- NEC Type FPL or PLTC or CL3
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Direct Burial
- Flame Rating: UL1685

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R.	Insulation Type & Thickness Inches	Shielding	Jacket Type & Thickness Inches	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
AQ224	1 Pair	18 AWG (7x26) 6.2 Ω/Mft	PVC .015 Nylon .005	None	.035	.270	CL3/FPL PLTC	25 pf/ft*	Black
AQ244	4	18 AWG (7x26) 6.2 Ω/Mft	PVC .015 Nylon .005	None	.040	.327	CL3/FPL PLTC	25 pf/ft*	Black
AQ225	1 Pair	16 AWG (7x24) 4.2 Ω/Mft	PVC .015 Nylon .005	None	.040	.295	CL3/FPL PLTC	28 pf/ft*	Black
AQ245	4	16 AWG (7x24) 4.2 Ω/Mft	PVC .015 Nylon .005	None	.040	.355	CL3/FPL PLTC	28 pf/ft*	Black
AQ226	1 Pair	14 AWG (19x27) 2.7 Ω/Mft	PVC .015 Nylon .005	None	.040	.310	CL3/FPL PLTC	32 pf/ft*	Black
AQ246	4	14 AWG (19x27) 2.7 Ω/Mft	PVC .015 Nylon .005	None	.040	.395	CL3/FPL PLTC	32 pf/ft*	Black
AQ227	1 Pair	12 AWG (19x25) 1.7 Ω/Mft	PVC .015 Nylon .005	None	.040	.340	CL3/FPL PLTC	36 pf/ft*	Black

* Capacitance between conductors.

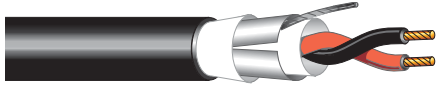
Color Code	
All Cables	1. Black, 2. Red, 3. Brown, 4. Blue
	JACKET: Black

Special Notes:

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

Aquaseal Cables

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



Description:

- ASTM Bare Copper • PVC insulation with Nylon • Twisted pair or cabled construction • Overall shield 100% coverage of aluminum polyester foil with drain wire • Waterblocked Construction
- Overall Sunlight/ Moisture Resistant PVC jacket

Rating:

- NEC Type FPL or PLTC or CL3
- (UL) Listed
- Meets 300V requirements as specified in the NEC
- Direct Burial
- Flame Rating: UL1685

Applications:

Indoor/Outdoor Use:

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

Direct Burial

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				
AQ293	1 Pair	18 AWG (7x26) 6.2Ω/Mft	PVC .015 Nylon .005	Al. Foil-100% 24 Strd.	.040	.310	CL3/FPL PLTC	32 pf/ft* 58 pf/ft**	Black
AQ3244	4	18 AWG (7x26) 6.2Ω/Mft	PVC .015 Nylon .005	Al. Foil-100% 24 Strd.	.040	.371	CL3/FPL PLTC	32 pf/ft* 58 pf/ft**	Black
AQ294	1 Pair	16 AWG (7x24) 4.2Ω/Mft	PVC .015 Nylon .005	Al. Foil-100% 24 Strd.	.040	.328	CL3/FPL PLTC	37 pf/ft* 67 pf/ft**	Black
AQ3245	4	16 AWG (7x24) 4.2Ω/Mft	PVC .015 Nylon .005	Al. Foil-100% 24 Strd.	.050	.415	CL3/FPL PLTC	37 pf/ft* 67 pf/ft**	Black
AQ295	1 Pair	14 AWG (19x27) 2.7Ω/Mft	PVC .015 Nylon .005	Al. Foil-100% 24 Strd.	.040	.350	CL3/FPL PLTC	46 pf/ft* 83 pf/ft**	Black
AQ296	2	12 AWG (19x25) 1.7Ω/Mft	PVC .015 Nylon .005	Al. Foil-100% 24 Strd.	.040	.375	CL3/FPL PLTC	54 pf/ft* 97 pf/ft**	Black

* Capacitance between conductors.

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

Special Notes:

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

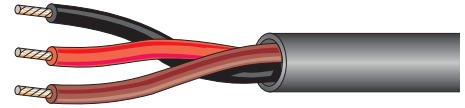


Color Code	
All Cables	1. Black, 2. Red, 3. Brown, 4. Blue
	JACKET: Black

600V Process Control Cables

Tray Cable/ Class 1 600V

Multiple Conductor Unshielded - Not Aquaseal Design



Applications:

- Industrial Signaling and Process Control Circuits
- Class 1 Circuits as defined in Article 725
- Optional Use: Non-Power limited Fire Alarm as defined in Article 760

Description:

- ASTM bare copper • PVC insulation with Nylon • PVC fillers and polyester binders as required • Twisted pair or cabled construction • Overall Sunlight Resistant PVC jacket.

Standard spool size 1000ft.

Catalog No.	No. of Cond.	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Shielding	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
TC2980	1 Pair	18 AWG (7x26) 6.2 Ω/Mft	PVC .016 Nylon .005	None	Sun. Resistant PVC .047	.284	TC	--	Black
TC2990	1 Pair	16 AWG (7x24) 4.2 Ω/Mft	PVC .016 Nylon .005	None	Sun. Resistant PVC .047	.295	TC	--	Black
TC2994	1 Pair	14 AWG (7 strands) 2.7 Ω/Mft	PVC .016 Nylon .005	None	Sun. Resistant PVC .047	.332	TC	--	Black
TC2998	1 Pair	12 AWG (7 strands) 1.7 Ω/Mft	PVC .016 Nylon .005	None	Sun. Resistant PVC .047	.355	TC	--	Black

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

* Capacitance between conductors.

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

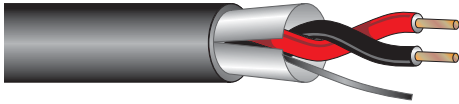
Special Notes:

- Orange rip cord under jacket

600V Process Control Cables

Tray Cable/ Class 1 600V

Multiple Conductor Overall Shield - Not Aquaseal Design



Description:

- ASTM bare copper • PVC insulation with Nylon • PVC fillers and polyester binders as required • Twisted pair or cabled construction • Overall shield 100% coverage aluminum foil with tinned drain wire
- Overall Sunlight Resistant PVC jacket.

Applications:

- Industrial Signaling and Process Control Circuits
- Class 1 Circuits as defined in Article 725
- Optional Use: Non-Power limited Fire Alarm as defined in Article 760

Rating:

- NEC Type TC
- (UL) Listed
- Class 1 600 Volt
- Direct Burial

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
TC2975	1 Pair	18 AWG (7x26) 6.2 Ω/Mft	PVC .016 Nylon .005	Al. Foil 100%	Sun. Resistant PVC .047	.288	TC	--	Black
TC2991	1 Pair	16 AWG (7x24) 4.2 Ω/Mft	PVC .016 Nylon .005	Al. Foil 100%	Sun. Resistant PVC .047	.299	TC	--	Black
TC2995	1 Pair	14 AWG (7 strands) 2.7 Ω/Mft	PVC .016 Nylon .005	Al. Foil 100%	Sun. Resistant PVC .047	.336	TC	--	Black

Color Code

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

* Capacitance between conductors.

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

Special Notes:

- Orange rip cord under jacket