

Aquaseal Water Resistant Cables

2006

When you think of Low-Voltage Indoor/Outdoor installations, one name jumps out of the water, **AQUASEAL Water Resistant Cables**.

West Penn Wire set the standard For indoor/outdoor fire-alarm installations in 1995. Since then **AQUASEAL Water Resistant Cables**, the industries original water resistant, water blocking low voltage cable, has become the recognized name for indoor/outdoor applications such as:

- Power-Limited Fire Alarm Circuits
- Intercom Systems
- Sound & Audio
- Background Music
- CCTV Systems
- CATV Systems

DO NOT LET AN INFERIOR PRODUCT RAIN ON YOUR PARADE. CHOOSE THE CABLE THAT EXCEEDS EXPECTATIONS WITH WATER BLOCKING PERFORMANCE!

CHOOSE THE CABLE THAT MEETS:
UL STANDARDS 444 & 13.
AND
TIA455-82B WATER INFILTRATION TEST



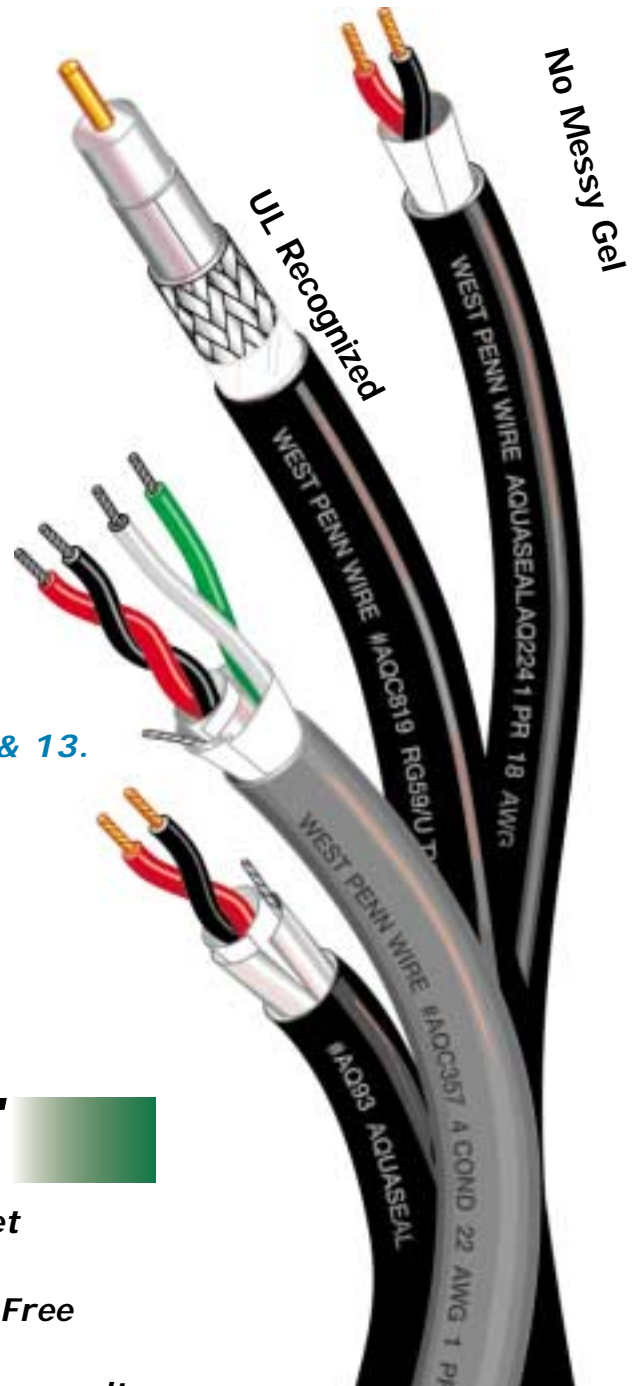
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Aquaseal CM & CL3 Shielded/ Unshielded	
AQC351	3 (2 shielded, 1 unshielded) 22 Solid
AQC352	3 (2 shielded, 1 unshielded) 22 (7x30)
AQC355	4 (2 shielded, 2 unshielded) 22 Solid
AQC357	4 (2 shielded, 2 unshielded) 22 (7x30)
AQC369	6 (2 shielded, 4 unshielded) 22 Solid
AQC373	6 (2 shielded, 4 unshielded) 22 Solid
AQC358	3 (2 shielded, 1 unshielded) 20 (7x28)
AQC359	4 (2 shielded, 2 unshielded) 20 (7x28)
Aquaseal CM & CL3 Shielded	
AQC291	1 pair 22 (7x30) Shielded
AQC3274	15 Conductor 22 (7x30) Shielded
AQC292	1 pair 20 (7x28) Shielded
AQC293	1 pair 18 (7x26) Shielded
AQC3186	6 Conductor 18 (7x26) Shielded
AQC3283	12 Conductor 18 (7x26) Shielded
Aquaseal CM & CL3 Unshielded	
AQC224	1 pair 18 (7x26) Unshielded
AQC188	8 Conductor 18 (7x26) Unshielded
AQC225	1 pair 16 (19x29) Unshielded
AQC240	4 Conductor 22 Awg. Solid Unshielded
Aquaseal CM & CL3 Unshielded	
AQC430	2 pair 22 (7X30) Individually Shielded
AQC439	4 pair 22 (7X30) Individually Shielded
AQC432	6 pair 22 (7X30) Individually Shielded
AQC434	12 pair 22 (7X30) Individually Shielded

Aquaseal PLTC & FPL Unshielded	
AQ224	1 pair 18 Awg. (7x26) Unshielded
AQ244	4 Cond. 18 Awg. (7x26) Unshielded
AQ225	1 pair 16 Awg. (7x24) Unshielded
AQ245	4 Cond. 16 Awg. (7x24) Unshielded
AQ226	1 pair 14 Awg. (19x27) Unshielded
AQ246	4 Cond. 14 Awg. (19x27) Unshielded
AQ227	1 pair 12 Awg. (19x25) Unshielded
Aquaseal PLTC & FPL Shielded	
AQ293	1 pair 18 Awg. (7x26) Shielded
AQ3244	4 Cond. 18 Awg. (7x26) Shielded
AQ294	1 pair 16 Awg. (7x24) Shielded
AQ3245	4 Cond. 16 Awg. (7x24) Shielded
AQ295	1 pair 14 Awg. (19x27) Shielded
AQ296	1 pair 12 Awg. (19x25) Shielded
Aquaseal Coaxial Cables	
AQC815	RG59/U CCTV 20 AWG. 95% BC BRAID
AQC819	RG59/U DIGITAL VIDEO 20 AWG. 100% AL. FOIL + 95% TC BRAID
AQC806	RG6/U CCTV 18 AWG. 95% BC BRAID
AQC2806	RG6/U CCTV 18 AWG. 95% BC BRAID + 1 PAIR 16 AWG - Lickity Split Design
AQC841	RG6/U CATV 18 AWG. FOIL + AL. BRAID
Aquaseal CM & CL3 Unshielded	
AQC420	2 pair 22 Solid Individually Shielded
AQC420	6 pair 22 Solid Individually Shielded
AQC424	12 pair 22 Solid Individually Shielded
AQC429	4 pair 22 Solid Individually Shielded

	Aquaseal	Generic Water Block	Aquaseal	Generic Water
Product No.	AQC357	XYZ1	AQC359	XYZ2
Construction	2 pair 22 AWG 1 pair shielded, 1 unshielded	2 pair 22 AWG 1 pair shielded, 1 unshielded	2 pair 20 AWG 1 pair shielded, 1 unshielded	3 Conductor 20 AWG 1 pair shielded, 1 unshielded
Conductor Type	22 AWG (7x30) Tinned Copper	22 AWG (7x30) Tinned Copper	20 AWG (7x28) Tinned Copper	20 AWG (7x28) Tinned Copper
Insulation Type & Thickness	PVC .010 (.25 mm)	PVC .010 (.25 mm)	PVC .010 (.25 mm)	PVC .010 (.25 mm)
Inner Water Blocking Tape	Two-Ply Water Swellable Tape	*** None ***	Two-Ply Water Swellable Tape	*** None ***
Shield	Aluminum foil tape with drain wire	Aluminum foil tape with drain wire	Aluminum foil tape with drain wire	Aluminum foil tape with drain wire
Outer Water Blocking Tape	Two-ply Water Swellable Tape	Two-ply Water Swellable Tape	Two-ply Water Swellable Tape	Two-ply Water Swellable Tape
Jacket Type & Thickness	Sunlight & Moisture Resistant PVC .025 (.635 mm)	Sunlight Resistant PVC .020 (.51 mm)	Sunlight & Moisture Resistant PVC .025 (.635 mm)	Sunlight Resistant PVC .020 (.51 mm)
NEC Rating	CM or CL3	CM or CL3	CM or CL3	CM or CL3

WEST PENN OFFERS A TWO PLY TAPE ON THE INNER SHIELDED PAIRS.

THE GENERIC VERSIONS DO NOT.

WEST PENN OFFERS A .025 INCH SUNLIGHT RESISTANT & MOISTURE RESISTANT JACKET

THE GENERIC VERSIONS DO NOT.

At a quick glance the above cables appear to be similar, however a closer look will show some important differences. The most important difference is the absence of an inner water blocking tape on the generic cable. This deficiency will allow water to migrate thru the center of the cable causing electrical failure and deterioration of the cable. The lack of an inner water blocking tape will adversely affect electrical characteristics and this will only become more severe in a wet location. The last concern is the thickness of the outer jacket, at a .020 inch thickness it may not pass a sunlight resistant test.