WEST PENN WIRE
AV, SECURITY & NETWORKING SOLUTIONS
Since 1971

Aquaseal Water Resistant Cables

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!

Aquaseal®
Water Resistant Cables

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

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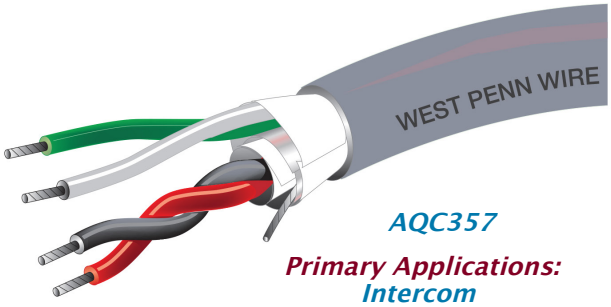
Aquaseal Water Resistant Cables

Aquaseal CM & CL3 Unshielded/Shielded

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)m



AQC357

Primary Applications:
Intercom
Control
Audio

Aquaseal CM & CL3 Shielded

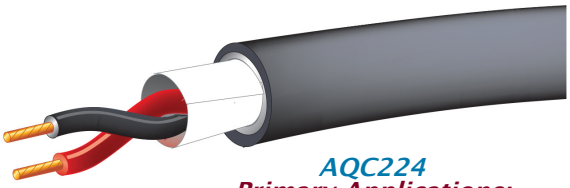
AQC291	1 pair 22 (7x30) Shielded
AQC3274	15 Conductor 22 (7x30) Shielded
AQC292	1 pair 20 (7x28) Shielded
AQC293	1 pair 18 (7x26) Shielded
AQC3186	6 Conductor 18 (7x26) Shielded
AQC3283s	12 Conductor 18 (7x26) Shieldedm

AQC291

Primary Applications:
Line Level Audio
Control
Access Control

Aquaseal CM & CL3 Unshielded

AQC224	1 pair 18 (7x26) Unshielded
AQC188	8 Conductor 18 (7x26) Unshielded
AQC225	1 pair 16 (19x29) Unshielded
AQC240ss	4 Conductor 22 Awg. Solid Unshieldedm

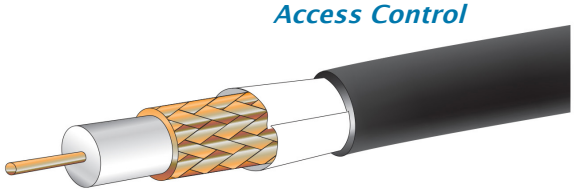


AQC224
Primary Applications:

Speaker Level Audio
Control
Access Control

Aquaseal CM 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
AQC841s	RG6/U CATV 18 AWG. FOIL + AL. BRAIDm



AQC815
Primary Applications:

CCTV
CATV
Digital Video

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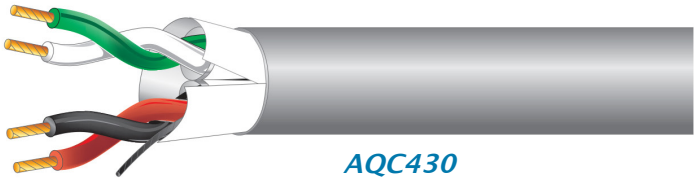
Aquaseal Water Resistant Cables

Aquaseal CM & CL3 Individually Shielded

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
AQC420	2 pair 22 Solid Individually Shielded
AQC429	4 pair 22 Solid Individually Shielded
AQC422	6 pair 22 Solid Individually Shielded
AQC424	12 pair 22 Solid Individually Shielded

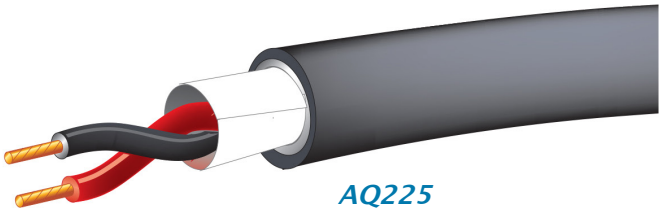


AQC430

Primary Applications:
Line Level Audio
Control and Audio

Aquaseal FPL or PLTC Unshielded Cables

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



AQ225

Primary Applications:
Fire Alarm Systems
Speaker Level Audio

Aquaseal FPL or PLTC Shielded Cables

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

AQ293

Primary Applications:
Fire Alarm Systems
Line Level Audio

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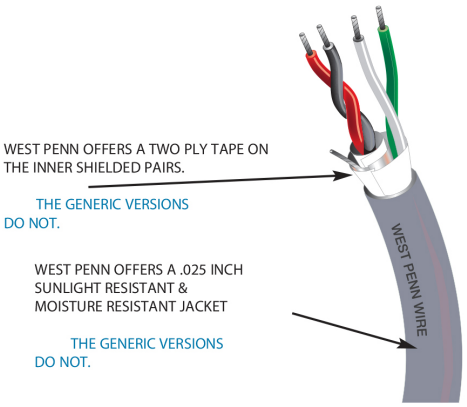
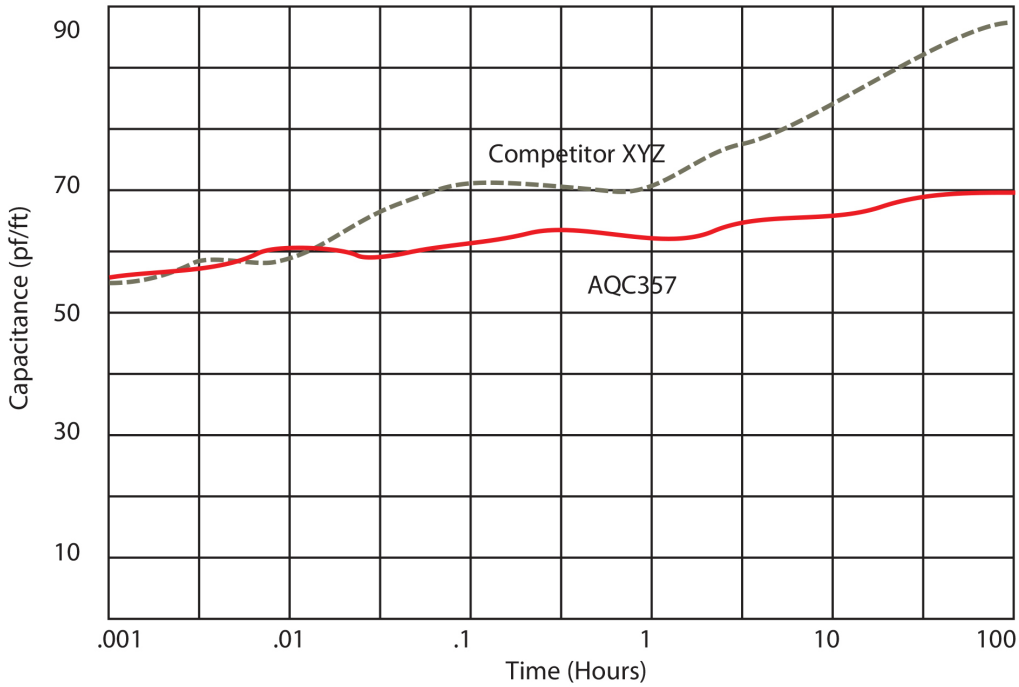
Aquaseal Water Resistant Cables



	Aquaseal	Generic Water Block	Aquaseal	GenericWater Block
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 shld, 1 Cond shld
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	One-ply Water Swellable Tape	Two-ply Water Swellable Tape	One-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

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 a 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 a 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.

Comparison Graph- capacitance pf/ft.
AQC357 to Competitor XYZ
XYZ
AQC357



Other Finds:	AQC357	XYZ
Swelling Height: 1 Min.	10mm	5mm
Swelling Height: 10 Min.	12mm	10mm