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.

Aquaseal Water Resistant Cables®

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

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**Aquaseal Cables**

**Aquaseal® Water Blocking Cable**  
Combination / Shielded and Unshielded

**Applications:**  
Indoor/Outdoor Use:  
• Intercom Systems  
• Security Systems  
• Sound and Audio  
• Background Music  
• Power-limited Control Circuits

**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

**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**

<table>
<thead>
<tr>
<th>Color Code</th>
<th>Catalog No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielded: Black, Red</td>
<td>AQC351, AQC352, AQC355, AQC357, AQC359</td>
</tr>
<tr>
<td>Unshielded: White, Green, Brown, Blue</td>
<td>AQC369</td>
</tr>
<tr>
<td>Shielded: Black, Red</td>
<td>AQC373</td>
</tr>
</tbody>
</table>

**Standard spool size 1000ft.**

---

**Catalog No.**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>No. of Cond.</th>
<th>Conductor Type &amp; Nom. D.C.R</th>
<th>Insulation Type &amp; Thickness</th>
<th>Shielding % Coverage</th>
<th>Jacket Type &amp; Thickness</th>
<th>Nom. O.D.</th>
<th>NEC Type</th>
<th>Nom. Capacitance</th>
<th>Jacket Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQC351</td>
<td>3</td>
<td>22 AWG Solid 17.5 Ω/Mft</td>
<td>PVC 0.08</td>
<td>Al. Foil-100% 22 Solid</td>
<td>PVC 0.025</td>
<td>.215</td>
<td>CM CL3</td>
<td>54 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC352</td>
<td>3</td>
<td>22 AWG (7x30) 17 Ω/Mft</td>
<td>PVC 0.07</td>
<td>Al. Foil-100% 24 Strd.</td>
<td>PVC 0.025</td>
<td>.230</td>
<td>CM CL3</td>
<td>55 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC355</td>
<td>4</td>
<td>22 AWG Solid 17.5 Ω/Mft</td>
<td>PVC 0.08</td>
<td>Al. Foil-100% 22 Solid</td>
<td>PVC 0.025</td>
<td>.220</td>
<td>CM CL3</td>
<td>54 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC357</td>
<td>4</td>
<td>22 AWG (7x30) 17 Ω/Mft</td>
<td>PVC 0.07</td>
<td>Al. Foil-100% 24 Strd.</td>
<td>PVC 0.025</td>
<td>.235</td>
<td>CM CL3</td>
<td>55 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC369</td>
<td>6</td>
<td>22 AWG Solid 17.5 Ω/Mft</td>
<td>PVC 0.08</td>
<td>Al. Foil-100% 24 Solid</td>
<td>PVC 0.025</td>
<td>.240</td>
<td>CM CL3</td>
<td>54 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC373</td>
<td>6</td>
<td>22 AWG Solid 17.5 Ω/Mft</td>
<td>PVC 0.08</td>
<td>Al. Foil-100% 24 Solid</td>
<td>PVC 0.025</td>
<td>.260</td>
<td>CM CL3</td>
<td>54 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC359</td>
<td>4</td>
<td>20 AWG (7x28) 10.5 Ω/Mft</td>
<td>PVC 0.08</td>
<td>Al. Foil-100% 24 Strd.</td>
<td>PVC 0.025</td>
<td>.266</td>
<td>CM CL3</td>
<td>60 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC358</td>
<td>3</td>
<td>20 AWG (7x28) 10.5 Ω/Mft</td>
<td>PVC 0.08</td>
<td>Al. Foil-100% 24 Strd.</td>
<td>PVC 0.025</td>
<td>.260</td>
<td>CM CL3</td>
<td>60 pf/ft*</td>
<td>Gray</td>
</tr>
</tbody>
</table>

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

**Place in Conduit - Outside**

800-245-4964 • www.westpenn-wpw.com

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**CABLE WITH CONFIDENCE**

**WEST PENN WIRE**
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

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>No. of Cond.</th>
<th>Conductor Type &amp; Nom. D.C.R</th>
<th>Insulation Type &amp; Thickness</th>
<th>Shielding Type &amp; Thickness</th>
<th>Jacket Type &amp; Thickness</th>
<th>Nom. O.D.</th>
<th>NEC Type</th>
<th>Nom. Capacitance</th>
<th>Jacket Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQC290</td>
<td>Pair</td>
<td>22 AWG Solid 17.5 Ω/Mft</td>
<td>PVC .008</td>
<td>Al. Foil-100% 22 Solid</td>
<td>PVC .025</td>
<td>.200</td>
<td>CM CL3</td>
<td>54 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC291</td>
<td>Pair</td>
<td>22 AWG (7x30) 17 Ω/Mft</td>
<td>PVC .007</td>
<td>Al. Foil-100% 24 Strd.</td>
<td>PVC .025</td>
<td>.205</td>
<td>CM CL3</td>
<td>55 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC3274</td>
<td>15 Cond.</td>
<td>22 AWG (7x30) 17 Ω/Mft</td>
<td>PVC .007</td>
<td>Al. Foil-100% 24 Strd.</td>
<td>PVC .025</td>
<td>.361</td>
<td>CM CL3</td>
<td>55 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC292</td>
<td>Pair</td>
<td>20 AWG (7x28) 10.5 Ω/Mft</td>
<td>PVC .008</td>
<td>Al. Foil-100% 24 Strd.</td>
<td>PVC .025</td>
<td>.220</td>
<td>CM CL3</td>
<td>60 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC293</td>
<td>Pair</td>
<td>18 AWG (7x26) 6.2 Ω/Mft</td>
<td>PVC .008</td>
<td>Al. Foil-100% 24 Strd.</td>
<td>PVC .025</td>
<td>.235</td>
<td>CM CL3</td>
<td>68 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC3186</td>
<td>6 Cond.</td>
<td>18 AWG (7x26) 6.2 Ω/Mft</td>
<td>PVC .008</td>
<td>Al. Foil-100% 24 Strd.</td>
<td>PVC .025</td>
<td>.323</td>
<td>CM CL3</td>
<td>68 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC3283</td>
<td>12 Cond.</td>
<td>18 AWG (7x26) 6.2 Ω/Mft</td>
<td>PVC .008</td>
<td>Al. Foil-100% 24 Strd.</td>
<td>PVC .025</td>
<td>.410</td>
<td>CM CL3</td>
<td>68 pf/ft*</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC3125</td>
<td>5 Cond.</td>
<td>12 AWG (19x25) 1.8 Ω/Mft</td>
<td>PVC .020</td>
<td>Al. Foil-100% 22 Strd.</td>
<td>PVC .040</td>
<td>.545</td>
<td>CM CL3</td>
<td>75 pf/ft*</td>
<td>Black with red Stripe</td>
</tr>
</tbody>
</table>

Red-Stripe: LED Obstruction Lighting Cable

* 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

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>AQC291, AQC292, AQC293, AQC290</th>
<th>AQC3186, AQC3274, AQC3283</th>
<th>AQC3125</th>
</tr>
</thead>
<tbody>
<tr>
<td>JACKET: Gray Conductors 13 and above have PERFECT STRIPE*</td>
<td>JACKET: Black with red stripe</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Aquaseal Water Resistant Cables
800-245-4964 • www.westpenn-wpw.com
Applications:
Indoor/Outdoor Use:
• Intercom Systems
• Security Systems
• Sound and Audio
• Background Music
• Power-limited Control Circuits
• Speaker Level

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

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

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>No. of Cond.</th>
<th>Conductor Type &amp; Nom.</th>
<th>Insulation Type &amp; Thickness</th>
<th>Shielding % Cov.</th>
<th>Jacket Type &amp; Thickness</th>
<th>Nom. O.D.</th>
<th>NEC Type</th>
<th>Nom. Capacitance</th>
<th>Jacket Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQC224</td>
<td>1 Pair</td>
<td>18 AWG (7x26) 6.2Ω/Mft</td>
<td>PVC .008</td>
<td>None</td>
<td>PVC .025</td>
<td>.194</td>
<td>CM CL3</td>
<td>NA</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC188</td>
<td>8</td>
<td>18 AWG (7x26) 6.2Ω/Mft</td>
<td>PVC .008</td>
<td>None</td>
<td>PVC .025</td>
<td>.340</td>
<td>CM CL3</td>
<td>NA</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC225</td>
<td>1 Pair</td>
<td>16 AWG (19x29) 4.2Ω/Mft</td>
<td>PVC .008</td>
<td>None</td>
<td>PVC .025</td>
<td>.228</td>
<td>CM CL3</td>
<td>NA</td>
<td>Gray</td>
</tr>
<tr>
<td>AQC240</td>
<td>4</td>
<td>22 AWG Solid 17.5 Ω/Mft</td>
<td>PVC .008</td>
<td>None</td>
<td>PVC .025</td>
<td>.194</td>
<td>CM CL3</td>
<td>NA</td>
<td>Gray</td>
</tr>
</tbody>
</table>

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:
<table>
<thead>
<tr>
<th>All Cables</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>JACKET</strong>: Gray</td>
</tr>
</tbody>
</table>
**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.

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

**Color Code**

<table>
<thead>
<tr>
<th>Colors</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Black/Blue-Blue</td>
<td>11. Red/Yellow-Yellow</td>
</tr>
<tr>
<td>6. Black/Brown-Brown</td>
<td></td>
</tr>
<tr>
<td>7. Black/Orange-Orange</td>
<td></td>
</tr>
</tbody>
</table>

**JACKET:** Gray

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

* Capacitance between conductors.
** Capacitance between one conductor and the other connected to the shield
**Aquaseal® Water Blocking Cable**

**Coaxial Cables / Pro-Video- CATV - CCTV**

**Applications:**  
Indoor/Outdoor:  
- CCTV Security  
- SDI - Pro-Video  
- MATV/CATV  
- Place in Conduit - Outside

**Mechanical Specifications**

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

**Features:**
- NEC Type CM  
- Waterblocking Tape

**Electrical Specifications:**  
See Coaxial Cable Section for Electrical Specifications

---

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Conductor Type &amp; Nom. D.C.R</th>
<th>Nominal O.D.</th>
<th>Insulation Type, O.D.</th>
<th>Shielding % Coverage</th>
<th>Jacket Type</th>
<th>Jacket Colors</th>
<th>NEC Type</th>
<th>Jacket Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQ819</td>
<td>20 AWG Solid BC 10 Ω/M'</td>
<td>.242</td>
<td>Gas Injected PE .142</td>
<td>Waterblocking tape + Bifoil 100% TC Braid 95%</td>
<td>Sunlight Resistant PVC</td>
<td>Black CM Black</td>
<td>75Ω 3 Pc. BNC - CN-BM74-32, 75Ω Compression BNC - CN-C5BNC-59</td>
<td>TL-7503 TL-104</td>
</tr>
<tr>
<td>AQ815</td>
<td>20 AWG Solid BC 10 Ω/M'</td>
<td>.242</td>
<td>Gas Injected PE .142 + Tape Barrier</td>
<td>Waterblocking tape + Bifoil Bare Copper Braid 95%</td>
<td>Sunlight Resistant PVC</td>
<td>Black CM Black</td>
<td>75Ω 3 Pc. BNC - CN-BM74-32, 75Ω Compression BNC - CN-C5BNC-59</td>
<td>TL-7503 TL-104</td>
</tr>
<tr>
<td>AQ841</td>
<td>18 AWG Solid BC 6.5 Ω/M'</td>
<td>.275</td>
<td>Gas Injected PE .180</td>
<td>Waterblocking tape + 100% + Bifoil Al. Braid 95%</td>
<td>Sunlight Resistant PVC</td>
<td>Black CM Black</td>
<td>75Ω 3 Pc. Crimp BNC - CN-BM73-5, 75Ω Compression BNC - CN-C5BNC-6</td>
<td>TL-7503 TL-107</td>
</tr>
<tr>
<td>AQ806</td>
<td>18 AWG Solid BC 6.5 Ω/M'</td>
<td>.280</td>
<td>Gas Injected PE .180 + Tape Barrier</td>
<td>Waterblocking tape + Bifoil Bare Copper Braid 95%</td>
<td>Sunlight Resistant PVC</td>
<td>Black CM Black</td>
<td>75Ω 3 Pc. BNC - CN-BM74-32, 75Ω Compression BNC - CN-C5BNC-6</td>
<td>TL-7503 TL-107</td>
</tr>
<tr>
<td>AQ2806</td>
<td>18 AWG Solid BC 6.5 Ω/M'</td>
<td>.280 x .580</td>
<td>Gas Injected PE .180 + Tape Barrier</td>
<td>Waterblocking tape + Bifoil Bare Copper Braid 95%</td>
<td>Sunlight Resistant PVC</td>
<td>Black CM Black</td>
<td>75Ω 3 Pc. BNC - CN-BM74-32, 75Ω Compression BNC - CN-C5BNC-6</td>
<td>TL-7503 TL-107</td>
</tr>
</tbody>
</table>

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

**Aquaseal® Water Blocking Cable**

Standard spool size 1000ft.
**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

**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.**

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

* Capacitance between conductors.

**Special Notes:**
- Aquaseal Water Resistant Cables is a Registered Trademark of West Penn Wire
- Orange ripcord under jacket
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 spool size 1000ft.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>No. of Cond.</th>
<th>Conductor Type &amp; Nom. D.C.R</th>
<th>Insulation Type &amp; Thickness</th>
<th>Shielding % Coverage</th>
<th>Jacket Type &amp; Thickness</th>
<th>Nom. Q.D.</th>
<th>NEC Type</th>
<th>Nom. Capacitance</th>
<th>Jacket Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQ293</td>
<td>1 Pair</td>
<td>18 AWG (7x26) 6.2Ω/Mft</td>
<td>PVC .015, Nylon .005</td>
<td>Al. Foil 100% 24 Strd.</td>
<td>0.040</td>
<td>0.310</td>
<td>CL3/FPL PLTC</td>
<td>32 pf/ft* 58 pf/ft**</td>
<td>Black</td>
</tr>
<tr>
<td>AQ3244</td>
<td>4</td>
<td>18 AWG (7x26) 6.2Ω/Mft</td>
<td>PVC .015, Nylon .005</td>
<td>Al. Foil 100% 24 Strd.</td>
<td>0.040</td>
<td>0.371</td>
<td>CL3/FPL PLTC</td>
<td>32 pf/ft* 58 pf/ft**</td>
<td>Black</td>
</tr>
<tr>
<td>AQ294</td>
<td>1 Pair</td>
<td>16 AWG (7x24) 4.2Ω/Mft</td>
<td>PVC .015, Nylon .005</td>
<td>Al. Foil 100% 24 Strd.</td>
<td>0.040</td>
<td>0.328</td>
<td>CL3/FPL PLTC</td>
<td>37 pf/ft* 67 pf/ft**</td>
<td>Black</td>
</tr>
<tr>
<td>AQ3245</td>
<td>4</td>
<td>16 AWG (7x24) 4.2Ω/Mft</td>
<td>PVC .015, Nylon .005</td>
<td>Al. Foil 100% 24 Strd.</td>
<td>0.050</td>
<td>0.415</td>
<td>CL3/FPL PLTC</td>
<td>37 pf/ft* 67 pf/ft**</td>
<td>Black</td>
</tr>
<tr>
<td>AQ295</td>
<td>1 Pair</td>
<td>14 AWG (19x27) 2.7Ω/Mft</td>
<td>PVC .015, Nylon .005</td>
<td>Al. Foil 100% 24 Strd.</td>
<td>0.040</td>
<td>0.350</td>
<td>CL3/FPL PLTC</td>
<td>46 pf/ft* 83 pf/ft**</td>
<td>Black</td>
</tr>
<tr>
<td>AQ296</td>
<td>2</td>
<td>12 AWG (19x25) 1.7Ω/Mft</td>
<td>PVC .015, Nylon .005</td>
<td>Al. Foil 100% 24 Strd.</td>
<td>0.040</td>
<td>0.375</td>
<td>CL3/FPL PLTC</td>
<td>54 pf/ft* 97 pf/ft**</td>
<td>Black</td>
</tr>
</tbody>
</table>

* 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

<table>
<thead>
<tr>
<th>All Cables</th>
<th>JACKET: Black</th>
</tr>
</thead>
</table>

800-245-4964 • www.westpenn-wpw.com
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 1000 ft.

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

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

Special Notes:
• Orange rip cord under jacket

Color Code:
- All Cables
  - JACKET: 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
**600V Process Control Cables**

### Tray Cable/ Class 1 600V

**Multiple Conductor Overall Shield - 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

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

**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.

Standard spool size 1000ft.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>No. of Cond.</th>
<th>Conductor Type &amp; Nom.</th>
<th>Insulation Type &amp; Thickness</th>
<th>Shielding &amp; % Coverage</th>
<th>Jacket Type &amp; Thickness</th>
<th>Nom. O.D.</th>
<th>NEC Type</th>
<th>Nom. Capacitance</th>
<th>Jacket Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC2975</td>
<td>1 Pair</td>
<td>18 AWG (7x26) 6.2 Ω/Mft</td>
<td>PVC .016 Nylon .005</td>
<td>Sun. Resistant PVC .047</td>
<td>.288 TC --</td>
<td>Black</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>TC2991</td>
<td>1 Pair</td>
<td>16 AWG (7x24) 4.2 Ω/Mft</td>
<td>PVC .016 Nylon .005</td>
<td>Sun. Resistant PVC .047</td>
<td>.299 TC --</td>
<td>Black</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TC2995</td>
<td>1 Pair</td>
<td>14 AWG (7 strands) 2.7 Ω/Mft</td>
<td>PVC .016 Nylon .005</td>
<td>Sun. Resistant PVC .047</td>
<td>.336 TC --</td>
<td>Black</td>
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**Color Code**

<table>
<thead>
<tr>
<th>All Cables</th>
<th>JACKET: Black</th>
</tr>
</thead>
</table>

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

**Special Notes:**
- Orange rip cord under jacket