

# Technical Data Sheet

## Aquaseal® Communication Cables

# WEST PENN WIRE



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|                     |   |
|---------------------|---|
| <b>PART NUMBER:</b> | <b>AQC352</b>   |
| <b>DESCRIPTION:</b> | 22/3 Stranded bare copper conductor, unshielded/shielded, with an Aquaseal tape and overall jacket.                                     |
| <b>NEC RATING:</b>  | CM or CL3, NEC Article 800 and 725  |
| <b>APPROVALS:</b>   | (UL) C(UL) Listed, (ETL)us Listed   |
| <b>APPLICATION:</b> | Materials suitable for outdoor use, and indoor trays, allows a variety of uses for (Intercom, Security, Sound, Audio, Background music) |

### Construction Parameters:

|  |   |
|--|---|
| Conductor  | 22 AWG Bare Copper                              |
| Stranding  | 7x30  |
| Insulation Material                                | PVC   |
| Insulation Thickness                               | 0.010" Nom.                                     |
| Number of Conductors<br>(2 Shielded)(1 Unshielded) | 3   |
| Shield   | 100% Aluminum Polyester Foil                    |
| Drain  | Stranded Tinned Copper                          |
| Water-Blocking Tape                                | Internal and Overall 2 ply water swellable tape |
| Jacket Material                                    | Sunlight/Moisture Resistance PVC                |
| Jacket Thickness                                   | 0.025" Nom.                                     |
| Overall Cable Diameter                             | 0.230" Nom.                                     |
| Approximate Cable Weight                           | 26 Lbs/1M' Nom.                                 |
| Flame Rating                                       | UL 1685 Vertical Tray                           |

### Electrical & Environmental Properties:

|  |  |
|--|--|
| Temperature Rating                               | -20deg C to 60deg C                              |
| Operating Voltage                                | 300 V RMS  |
| Max.Capacitance Between Conductors @ 1 KHz       | 55 pf/ft Nom.                                    |
| Capacitance Between Conductors to Shield @ 1 KHz | 99 pf/ft Nom.                                    |
| DC Resistance per Conductor @ 20deg C            | 17.5 Ohms/1M' Nom.                               |
| Insulation Colors                                | Shielded: Black, Red<br>Unshielded: White, Green |
| Jacket Color                                     | Gray   |
| RoHS Compliant                                   | --   |
| TIA455-82B Water Infiltration Test Compliant     | Yes  |
| UL 444 & 13 Compliant                            | Yes  |

### Mechanical Properties:

|                               |         |
|-------------------------------|---------|
| Max. Recommended Pull Tension | 42 lbs. |
| Min. Bend Radius (Install)    | 2.3"    |

Specification Issue Date: 7/06

Standard Lengths are 1000ft.  
 The Jacket is sequentially footmarked.  
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