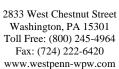
## **Technical Data Sheet Aquaseal® Communication Cables**







PART NUMBER: AQC422

**DESCRIPTION:** 6 Pair 22 Awg. Solid bare copper conductors, individually shielded with an Aquaseal tape and overall

jacket.

**NEC RATING:** CM or CL3, NEC Article 800 and 725

**APPROVALS:** (UL) C(UL) Listed, (ETL)us Listed

**APPLICATION:** 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 Solid
Insulation Material PVC
Insulation Thickness 0.010" Nom.
Number of Conductors 12 (6 Pair)

Shield 100% Aluminum Polyester Foil Stranded Drain Wire

Water-Blocking Tape
2 ply water swellable each pair
Overall 2 Ply water swellable tape
Jacket Material
Sunlight/Moisture Resistance PVC

Jacket Thickness 0.025" Nom.

Overall Cable Diameter 0.510" Nom.

Approximate Cable Weight 69 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.

Capacitance Between Conductors to Shield @ 1 KHz 99 pt/tt Nom.

DC Resistance per Conductor @ 20deg C 17.5 Ohms/1M' Nom.

Insulation Colors Black/Red-Red, Black/White-White, Black/Green-Green,

Black/Blue-Blue, Black/Yellow-Yellow,Black/Brown-Brown
Jacket Color Gray

RoHS Compliant -TIA455-82B Water Infiltration Test Compliant Yes
UL 444 & 13 Compliant Yes

## **Mechanical Properties:**

Max. Recommended Pull Tension 132 lbs.
Min. Bend Radius (Install) 5.2"

Specification Issue Date: 7/06

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