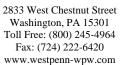
## Technical Data Sheet Aquaseal® Fire-Alarm Cables







PART NUMBER: AQ293

**DESCRIPTION:** 18/2 Stranded bare copper conductors, overall shield with Aquaseal tape and overall jacket.

**NEC RATING:** FPL – PLTC, NEC Article 760 And 725

APPROVALS: (UL) or (ETL)us Listed- Direct Burial

**APPLICATION:** Materials suitable for outdoor use (direct burial), and indoor trays, allows a variety of uses for (Low

voltage industrial process control circuits, Power-Limited circuits, Power-Limited fire alarm circuits,

Power-Limited tray cable PLTC)

## **Construction Parameters:**

Conductor 18 AWG Bare Copper

Stranding 7x26

Insulation Material PVC with Nylon Insulation Thickness PVC 0.015" Nom. Nylon .005" Nom.

Number of Conductors 2 (1 Pair)

Shield 100% Aluminum Polyester Foil Drain Stranded Tinned Copper Water-Blocking Tape 2 Ply water swellable tape

Jacket Material

Jacket Thickness

Sunlight/ Moisture Resistant PVC

0.040" Nom.

Overall Cable Diameter
Overall Cable Weight
Overall Cable Diameter
Overall Cable Diamete

## **Electrical & Environmental Properties:**

Temperature Rating -20deg C to 60deg C

Operating Voltage 300 V RMS
Max.Capacitance Between Conductors @ 1 KHz 32 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz 58 pf/ft Nom.

DC Resistance per Conductor @ 20deg C 6.2 Ohms/1M' Nom.

Insulation Colors Black, Red
Jacket Color Black
RoHS Compliant -TIA455-82B Water Infiltration Test Compliant Yes

TIA455-82B Water Infiltration Test Compliant

Yes
UL 444 & 13 Compliant

Yes

## **Mechanical Properties:**

Max. Recommended Pull Tension 57 lbs.
Min. Bend Radius (Install) 3.1"

Specification Issue Date: 7/06

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