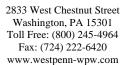
## Technical Data Sheet Aquaseal ® Fire-Alarm Cables







PART NUMBER: AQ227

**DESCRIPTION:** 12/2 Stranded bare copper conductors, overall unshielded 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 12 AWG Bare Copper

Stranding 19x25

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

Number of Conductors 2 (1 Pair)
Shield None

Shield None Drain None

Water-Blocking Tape 2 Ply water swellable tape
Jacket Material Sunlight/ Moisture Resistant PVC

Jacket Thickness $0.040^{\circ}$  Nom.Overall Cable Diameter $0.340^{\circ}$  Nom.Approximate Cable Weight78 Lbs/1M' Nom.Flame RatingUL 1685 Vertical Tray

## **Electrical & Environmental Properties:**

Temperature Rating -20deg C to 60deg C Operating Voltage 300 V RMS

Max.Capacitance Between Conductors @ 1 KHz

DC Resistance per Conductor @ 20deg C

1.7 Ohms/1M' Nom.

Insulation Colors

Black, Red
Jacket Color

RoHS Compliant

TIA455-82B Water Infiltration Test Compliant

Yes

TIA455-82B Water Infiltration Test Compliant

Ves
UL 444 & 13 Compliant

Yes

## **Mechanical Properties:**

Max. Recommended Pull Tension 146 lbs.
Min. Bend Radius (Install) 3,4"

Specification Issue Date: 7/06

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