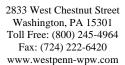
Technical Data Sheet Aquaseal® Communication Cables







PART NUMBER: AQC293

DESCRIPTION: 18/2 Stranded bare copper conductors, 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 18 AWG Bare Copper

Stranding 7x26
Insulation Material PVC
Insulation Thickness 0.010" 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 Sunlight/Moisture Resistance PVC

Jacket Thickness0.025" Nom.Overall Cable Diameter0.235" Nom.Approximate Cable Weight30 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 68 pf/ft Nom.

Capacitance Between Conductors to Shield @ 1 KHz 122 pf/ft Nom.

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

Jacket Color

RoHS Compliant

TIA 455 S2R Water Infiltration Test Compliant

Yes

TIA455-82B Water Infiltration Test Compliant

Ves
UL 444 & 13 Compliant

Yes

Mechanical Properties:

Max. Recommended Pull Tension 57 lbs.
Min. Bend Radius (Install) 2.3"

Specification Issue Date: 7/06

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