Technical Data Sheet
Aquaseal® Communication Cables

PART NUMBER: AQC3186

DESCRIPTION: 18/6 Stranded bare copper conductors, shielded with an Aquaseal tape and overall jacket.

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

APPROVALS: (UL) (CUL) 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: 6
- Shield: 100% Aluminum Polyester Foil
- Drain: Stranded Drain Wire
- Water-Blocking Tape: 2 ply water swellable tape
- Jacket Material: Sunlight/Moisture Resistance PVC
- Jacket Thickness: 0.025" Nom.
- Overall Cable Diameter: 0.323" Nom.
- Approximate Cable Weight: 54 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: 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.
- Insulation Colors: Black, Red, White, Green, Brown, Blue
- Jacket Color: Gray
- RoHS Compliant: --
- TIA455-82B Water Infiltration Test Compliant: Yes
- UL 444 & 13 Compliant: Yes

Mechanical Properties:
- Max. Recommended Pull Tension: 141 lbs.
- Min. Bend Radius (Install): 3.2"

Specification Issue Date: 7/06

Standard Lengths are 1000ft.
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