

Technical Data Sheet

Aquaseal® Audio and Alarm



WEST PENN WIRE

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PART NUMBER:	AQC293
DESCRIPTION:	18/2 Stranded bare copper conductors, shielded with an Aquaseal tape and overall jacket.
NEC RATING:	CM / CL3 / FPL, NEC Article 800, 725, and 760
APPROVALS:	(UL) Listed
APPLICATION:	Materials suitable for outdoor use, and indoor trays, allows a variety of uses for (Intercom, Security, Sound, Audio, Background music, and Fire Alarm Circuits)

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	24AWG Stranded Tinned Copper
Water-Blocking Tape	2 ply water swellable tape
Jacket Material	Sunlight/Moisture Resistance PVC
Jacket Thickness	0.025" Nom.
Overall Cable Diameter	0.257" Nom.
Approximate Cable Weight	34 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	39 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	70 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.2 Ohms/1M' Nom.
Insulation Colors	Black, Red
Jacket Color	Gray
RoHS Compliant	--
TIA455-82B Water Infiltration Test Compliant	Yes
UL 444 & 13 Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	57 lbs.
Min. Bend Radius (Install)	2.5"

Specification Issue Date: 4/12

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Standard Lengths are 1000ft.
The Jacket is sequentially footmarked.
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