

Technical Data Sheet

Aquaseal® Communication Cables

WEST PENN WIRE



2833 West Chestnut Street
 Washington, PA 15301
 Toll Free: (800) 245-4964
 Fax: (724) 222-6420
 www.westpenn-wpw.com



PART NUMBER:	AQC225
DESCRIPTION:	16/2 Stranded bare copper conductors, unshielded 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	16 AWG Bare Copper
Stranding	19x29
Insulation Material	PVC
Insulation Thickness	0.010" Nom.
Number of Conductors	2
Shield	None
Drain	None
Water-Blocking Tape	2 ply water swellable tape
Jacket Material	Sunlight/Moisture Resistance PVC
Jacket Thickness	0.025" Nom.
Overall Cable Diameter	0.242" Nom.
Approximate Cable Weight	52 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	35 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	4.2 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	54 lbs.
Min. Bend Radius (Install)	2.4"

Specification Issue Date: 4/12

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