

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:	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) 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	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

This document is the property of West Penn Wire.
 The information contained herein is considered
 Proprietary and not to be reproduced by any means
 Without written consent of West Penn Wire

Standard Lengths are 1000ft.
 The Jacket is sequentially footmarked.
 The information presented here is, to the best of our
 knowledge, is true and accurate. However, since
 conditions of use are beyond our control, all
 recommendations or suggestions are presented
 without guarantee or responsibility on our part. We
 disclaim all liability in connection with the use of
 information contained herein or otherwise.