

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 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 | 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 | 0.228" Nom. |
| Approximate Cable Weight | 48 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 | 33 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) | 2.2" |

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.