

Technical Data Sheet

Aquaseal® Communication Cables



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| | |
|---------------------|---|
| PART NUMBER: | AQC291 |
| DESCRIPTION: | 22/2 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:

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|--------------------------|----------------------------------|
| Conductor | 22 AWG Bare Copper |
| Stranding | 7x30 |
| Insulation Material | PVC |
| Insulation Thickness | 0.010" Nom. |
| Number of Conductors | 2 (1 Pair) |
| Shield | 100% Aluminum Polyester Foil |
| Drain | 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 | 0.205" Nom. |
| Approximate Cable Weight | 20 Lbs/1M' Nom. |
| Flame Rating | UL 1685 Vertical Tray |

Electrical & Environmental Properties:

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|--|---------------------|
| Temperature Rating | -20deg C to 60deg C |
| Operating Voltage | 300 V RMS |
| Max.Capacitance Between Conductors @ 1 KHz | 55 pf/ft Nom. |
| Capacitance Between Conductors to Shield @ 1 KHz | 99 pf/ft Nom. |
| DC Resistance per Conductor @ 20deg C | 17.5 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 | 33 lbs. |
| Min. Bend Radius (Install) | 2" |

Specification Issue Date: 7/06

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