



**AQC290**

2 Conductor 22 AWG Solid Shielded Indoor/Outdoor CM Rated  
Audio, Control, Alarm Indoor/Outdoor



**Construction & Dimensions**

|                                 |                              |
|---------------------------------|------------------------------|
| CONSTRUCTION & DIMENSIONS       | -                            |
| CONDUCTOR PARAMETER             | -                            |
| • Number of Conductors          | 2                            |
| • AWG Size                      | 22                           |
| • Conductor Stranding           | Solid                        |
| • Conductor Type                | Bare copper                  |
| • Nominal DCR                   | 17.5 Ohm/1000 ft             |
| INSULATION PARAMETER            | -                            |
| • Insulation Type               | PVC                          |
| • Insulation Thickness          | 0.01 in                      |
| • Insulation Color Code         | 1. Black, 2. Red             |
| SHIELDING PARAMETER             | -                            |
| • Shield Type                   | Overall 100% Aluminum Foil   |
| • Shield Type 2                 | Aquaseal Water Blocking Tape |
| • Drain Wire Type               | Tinned Copper                |
| • Drain Wire AWG                | 22 AWG                       |
| ELECTRICAL CHARACTERISTICS      | -                            |
| • Nom. Cap. Between Conductors  | 54 pF/ft                     |
| • Nom. Cap. Conductor to Shield | 97 pF/ft                     |

**Overall Construction**

|                                 |                                  |
|---------------------------------|----------------------------------|
| OVERALL CONSTRUCTION PARAMETERS | -                                |
| Jacket Type                     | UV Resistant PVC                 |
| Jacket Thickness                | 0.025 in                         |
| Nominal Cable O.D.              | 0.2 in                           |
| Plenum                          | No                               |
| NEC UL Rating                   | CM, CL3                          |
| RoHS Compliant                  | Yes                              |
| TIA Test                        | TIA455-82 Water Penetration Test |
| Pull Tension                    | 33 lbs                           |
| Bend Radius                     | 1.8 in                           |
| Cable Weight                    | 19 lbs                           |

**Overall Electrical & Optical Characteristics**

|  |                 |
|--|-----------------|
| OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS | -               |
| UL Flammability                            | UL1685          |
| Operating Range                            | -20 to 90 Deg C |
| UL Voltage Rating                          | 300             |

## Detailed Specification & Technical Data



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## Related Products

| RELATED PRODUCTS  | -         |
|-------------------|-----------|
| Plenum Number     | 25290B    |
| Non Plenum Number | 290       |
| 3 Pin XLR Male    | CN-NC3MX  |
| 3 Pin XLR Female  | CN-NC3FX  |
| 3.5mm Stereo Mini | CN-NYS231 |