



AQC 1822

Access Control Composite Cable Indoor/Outdoor Aquaseal
 Access Control Complete Design: Reader, Lock Power, REX, Door Contact

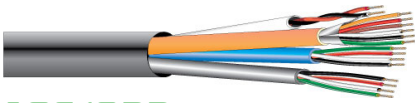


Construction & Dimensions

| CONSTRUCTION & DIMENSIONS | | | | |
|---------------------------------|--|------------------------------|----------------------------------|----------------------------------|
| Component | Card Reader | Door Contact | Request To Exit | Lock Power |
| CONDUCTOR PARAMETER | | | | |
| • Number of Conductors | 6 | 2 | 4 | 4 |
| • AWG Size | 22 | 22 | 22 | 18 |
| • Conductor Stranding | 7x30 | 7x30 | 7x30 | 7x26 |
| • Conductor Type | Bare Copper | Bare Copper | Bare Copper | Bare Copper |
| • Nominal DCR | 17 µm/1000 ft | 17 µm/1000 ft | 17 µm/1000 ft | 6.2 µm/1000 ft |
| INSULATION PARAMETER | | | | |
| • Insulation Type | PVC | PVC | PVC | PVC |
| • Insulation Thickness | 0.010 in | 0.010 in | 0.010 in | 0.010 in |
| • Insulation Color Code | 1.Black, 2.Red, 3.White, 4.Green, 5. Brown, 6.Blue | 1. Black, 2.Red | 1.Black, 2.Red, 3.White, 4.Green | 1.Black, 2.Red, 3.White, 4.Green |
| SHIELDING PARAMETER | | | | |
| • Shield Type | Overall 100% Aluminum Foil + Aquaseal | Aquaseal Water Blocking Tape | Aquaseal Water Blocking Tape | Aquaseal Water Blocking Tape |
| • Drain Wire Type | Tinned Copper | | | |
| • Drain Wire AWG | 24 AWG | | | |
| ELECTRICAL CHARACTERISTICS | | | | |
| • Nom. Cap. Between Conductors | 55 pF/ft | | | |
| • Nom. Cap. Conductor to Shield | 99 pF/ft | | | |
| INNER JACKET PARAMETERS | | | | |
| Component | Card Reader | Door Contact | Request To Exit | Lock Power |
| Inner Jacket OD | 0.172 in | 0.114 in | 0.139 in | 0.183 in |
| Inner Jacket Color | Orange | White | Blue | Gray |

Overall Construction

| OVERALL CONSTRUCTION PARAMETERS | |
|---------------------------------|------------------|
| Total Number of Conductors | 16 |
| Jacket Type | UV Resistant PVC |
| Nominal Cable O.D. | 0.465 in |
| NEC UL Rating | CM |
| RoHS Compliant | Yes |
| Bend Radius | 5.12 in |
| Cable Weight | 110 lbs |



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Overall Electrical & Optical Characteristics

| OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS | |
|--|-----------------|
| UL Flammability | UL1685 |
| Operating Range | -20 to 60 Deg C |
| UL Voltage Rating | 300 V |

Related Products

| RELATED PRODUCTS | |
|-------------------|-----------|
| Plenum Number | AC251822B |
| Non Plenum Number | AC1822 |