

**AC251822B**

2 COND.22AWG + 4 COND.18AWG + 4 COND.22AWG. + 6 COND.22AWG SHLD. FLEX PLENUM Yellow Jacket

Access Control Complete Design: Reader, Lock Power, REX, Door Contact

**Construction & Dimenstions**

| Component                           | Card Reader                                   | Door Contact   | Request To Exit               | Lock Power                    |
|-------------------------------------|---|----------------|-------------------------------|-------------------------------|
| <b>CONDUCTOR PARAMETER</b> -        |   |                |                               |                               |
| 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 Ohm/1000ft                                 | 17 Ohm/1000ft  | 17 Ohm/1000ft                 | 6.2 Ohm/1000ft                |
| <b>INSULATION PARAMETER</b> -       |   |                |                               |                               |
| Insulation Type                     | Plenum PVC                                    | Plenum PVC     | Plenum PVC                    | Plenum PVC                    |
| Insulation Thi kness                | 0.007 in                                      | 0.007 in       | 0.007 in                      | 0.007 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 |
| <b>SHIELDING PARAMETER</b> -        |   |                |                               |                               |
| Shield Type                         | Overall 100% Aluminum Foil                    | None           | None                          | None                          |
| Drain Wire Type                     | Tinned Copper                                 |                |                               |                               |
| Drain Wire AWG                      | 24 AWG  |                |                               |                               |
| <b>ELECTRICAL CHARACTERISTICS</b> - |   |                |                               |                               |
| Nom. Cap. Between Conductors        | 55 pF/ft                                      |                |                               |                               |
| Nom. Cap. Conductor to Shield       | 99 pF/ft                                      |                |                               |                               |
| <b>INNER JACKET COLOR</b>           | Orange  | White          | Blue                          | Gray                          |

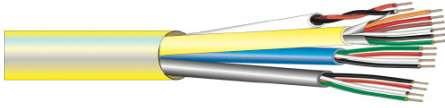
**Overall Construction**

| <b>OVERALL CONSTRUCTION PARAMETERS</b> - |                 |
|--|-----------------|
| Total Number of Conductors               | 16              |
| Jacket Type                              | Flexible Plenum |
| Nominal Cable O.D.                       | 0.425 in        |
| Plenum                                   | Yes             |
| NEC UL Rating                            | CMP             |
| RoHS Compliant                           | Yes             |
| Bend Radius                              | 3.825 in        |
| Cable Weight                             | 97 lbs          |

**Overall Electrical & Optical Characteristics**

| <b>OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS</b> - |                 |
|---|-----------------|
| UL Flammability                                     | NFPA 262 Plenum |
| Operating Range                                     | -0 to 60 Deg C  |
| UL Voltage Rating                                   | 300             |

## Detailed Specification & Technical Data



**AC251822B**

## Related Products

### RELATED PRODUCTS

Non Plenum Number

AC1822

## Part Numbers

### Part Numbers

AC251822BYE1000

Yellow Jacket | 1000ft Wooden Reel

AC251822BYE500

Yellow Jacket | 500ft Wooden Reel