

ACCESS CONTROL COMPOSITE CABLE

Rev. 1. 10/02

Description:

- Composite Cable Consisting of:
 - 1- (221) Door Contact Cable
 - 2 Conductor 22Awg. (7x30) Bare Copper
 - Unshielded Construction
 - PVC Jacket Nom. O.D. (.127") 3.23mm
 - 1- (241) Request to Exit Cable
 - 4 Conductor 22Awg. (7x30) Bare Copper
 - Unshielded Construction
 - PVC Jacket Nom. O.D. (.153") 3.89mm
 - 1- (3270) Access Control Card Reader Cable
 - 6 Conductor 22Awg. (7x30) Bare Copper
 - Overall Shield 100% Coverage
 - PVC Jacket Nom. O.D. (.187") 4.75mm
 - 1- (244) Lock Power Cable
 - 4 Conductor 18Awg. (7x26) Bare Copper
 - Unshielded Construction
 - PVC Jacket Nom. O.D. (.191") 4.85mm

Overall Cable Diameter:

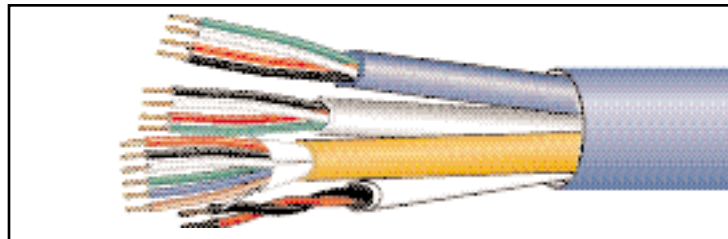
- .440 inch (11.18mm) OVERALL BLUE JACKET

Applications:

- Access Control Systems

Rating:

- UL listed NEC type CMR as defined in Article 800
- C(UL) listed type CMH
- Constructed in accordance with UL Standard 444
- Complies with UL 1666 Vertical Tray (Riser) Flame Test
- Meets 300 volt requirement as specified in Article 800 of the NEC



Electrical Characteristics: Door Contact Cable

- Nom. D.C.R. : 17 Ω /1000 ft.

Electrical Characteristics: Request to Exit Cable

- Nom. D.C.R. : 17 Ω /1000 ft.

Electrical Characteristics: Reader Cable

- Nominal Capacitance : *55pf/ft (180pf/m) ** 99pf/ft (325pf/m)
- Nom. D.C.R. : 17 Ω /1000 ft.

Electrical Characteristics: Lock Power Cable

- Nom. D.C.R. : 6.2 Ω /1000 ft.

* Capacitance between conductors

** Capacitance between one conductor
and the other to the shield

Color Code:

Individual Jackets:

- | | |
|---------------------------|--------|
| 1. Door Contact Cable: | White |
| 2. Request to Exit Cable: | Blue |
| 3. Reader Cable: | Orange |
| 4. Lock Power Cable: | Gray |

Conductors: All Cables

1. Black, 2. Red, 3. White, 4. Green, 5. Brown, 6. Blue

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