

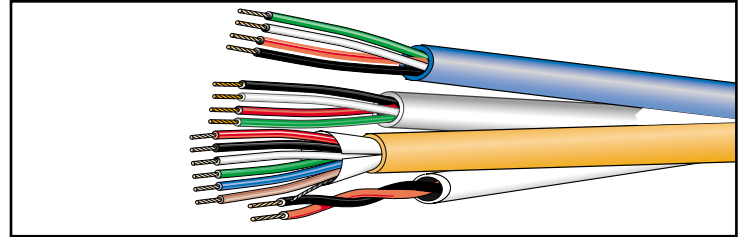
LS251822

PLENUM ACCESS CONTROL COMPOSITE CABLE

Rev. 1. 1/04

Description:

- Composite Cable Consisting of:
 - 1- (25221B) Door Contact Cable
 - 2 Conductor 22Awg. (7x30) Bare Copper
 - Unshielded Construction
 - Flexible Plenum Jacket Nom. O.D. (.110") 2.79 mm
 - 1- (25241B) Request to Exit Cable
 - 4 Conductor 22Awg. (7x30) Bare Copper
 - Unshielded Construction
 - Flexible Plenum Jacket Nom. O.D. (.148") 3.76 mm
 - 1- (253270B) Access Control Card Reader Cable
 - 6 Conductor 22Awg. (7x30) Bare Copper
 - Overall Shield 100% Coverage
 - Flexible Plenum Jacket Nom. O.D. (.182") 4.62 mm
 - 1- (25244B) Lock Power Cable
 - 4 Conductor 18Awg. (7x26) Bare Copper
 - Unshielded Construction
 - Flexible Plenum Jacket Nom. O.D. (.189") 4.80 mm



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

Overall Cable Diameter:

- .410 inch

Applications:

- Access Control Systems *Plenum*

Rating:

- UL or C(UL) listed NEC type CMP as defined in Article 800
- Constructed in accordance with UL Standard 444
- Complies with UL 910 Steiner Tunnel Test
- Meets 300 volt requirement as specified in Article 800 of the NEC

Color Code:

Individual Jackets:

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

Conductors: All Cables

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

Licity Split Design: Cables bonded together in interval lengths. Approximately 4-6 inches



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