

**4 CONDUCTOR 18 AWG UNSHIELDED  
 3 PAIR 22 AWG SHIELDED  
 2 CONDUCTOR 22 AWG UNSHIELDED  
 4 CONDUCTOR 22 AWG UNSHIELDED**

**TYPE CL3P or CMP**

**SCOPE:** This cable consists of 4 elements: E1: 4 conductors 18 AWG stranded bare copper; E2: 3 pairs 22 AWG stranded bare copper; E3: 2 conductors 22 AWG stranded bare copper and E4: 4 conductors 22 AWG stranded bare copper. Each individually jacketed and overall cabled with a plenum rated PVC jacket. (UL) Listed CL3P or CMP c(UL)us 75°C FT-6.

**1.0 ELEMENT 1: 18/4 CONDUCTOR:**

**1.1 CONDUCTOR:**

- 1.1.1 Material: Bare Copper
- 1.1.2 Size: 18 AWG
- 1.1.3 Construction: 7-Strand

**1.2 INSULATION:**

- 1.2.1 Material: Plenum Rated PVC
- 1.2.2 Wall Thickness: .007" nom.
- 1.2.3 Color code: 1-Black, 2-Red, 3-White, 4-Green

**1.3 JACKET:**

- 1.3.1 Material: Plenum Rated PVC
- 1.3.2 Wall Thickness: .015" nom.
- 1.3.3 OD: .172" nom.
- 1.3.4 Color: Gray
- 1.3.5 Markings: "LOCK POWER/PIR\*\*\*  
 DOOR/LOCATION / A B C D E F / 0 1 2 3  
 4 5 6 7 8 9 10 11 12 E191596 18 AWG 4C  
 (UL) CMP C(UL)US OR (UL) CL3P 75°C FT-6  
 ROHS COMPLIANT"

**2.0 ELEMENT 2: 22/3 PAIR:**

**2.1 CONDUCTOR:**

- 2.1.1 Material: Bare Copper
- 2.1.2 Size: 22 AWG
- 2.1.3 Construction: 7-Strand

**2.2 INSULATION:**

- 2.2.1 Material: Plenum Rated PVC
- 2.2.2 Wall Thickness: .007" nom.
- 2.2.3 Color code: Pair 1-Black/Red, Pair 2-Green/White, Pair 3-Orange/Brown

**2.3 SHIELD:**

- 2.3.1 Material: Aluminum Mylar
- 2.3.2 Coverage: 100%

**2.4 DRAIN:**

- 2.4.1 Material: Tinned Copper
- 2.4.2 Size: 24 AWG
- 2.4.3 Construction: 7-Strand

**2.5 JACKET:**

- 2.5.1 Material: Plenum Rated PVC
- 2.5.2 Wall Thickness: .015" nom.
- 2.5.3 OD: .183" nom.
- 2.5.4 Color: Orange
- 2.5.5 Markings: "CARD READER\*\*\*  
 DOOR/LOCATION / A B C D E F / 0 1 2 3 4 5 6  
 7 8 9 10 11 12 E191596 22 AWG 3PR SHLD  
 (UL) CMP C(UL)US OR (UL) CL3P 75°C FT-6  
 ROHS COMPLIANT"



# Paige<sup>®</sup> spec 451680P6R1 (1000) OR R5 (500)

## 3.0 ELEMENT 3: 22/2 CONDUCTOR:

### 3.1 CONDUCTOR:

- 3.1.1 Material: Bare Copper
- 3.1.2 Size: 22 AWG
- 3.1.3 Construction: 7-Strand

### 3.2 INSULATION:

- 3.2.1 Material: Plenum Rated PVC
- 3.2.2 Wall Thickness: .007" nom.
- 3.2.3 Color code: 1-Black, 2-Red

### 3.3 JACKET:

- 3.3.1 Material: Plenum Rated PVC
- 3.3.2 Wall Thickness: .015" nom.
- 3.3.3 OD: .115" nom.
- 3.3.4 Color: White
- 3.3.5 Markings: Markings: "DOOR CONTACT  
\*\*\* DOOR/LOCATION / A B C D E F / 0 1  
2 3 4 5 6 7 8 9 10 11 12 E191596 22 AWG  
2C (UL) CMP C(UL)US OR (UL) CL3P 75'C  
FT-6 ROHS COMPLIANT"

## 4.0 ELEMENT 4: 22/4 CONDUCTOR:

### 4.1 CONDUCTOR:

- 4.1.1 Material: Bare Copper
- 4.1.2 Size: 22 AWG
- 4.1.3 Construction: 7-Strand

### 4.2 INSULATION:

- 4.2.1 Material: Plenum Rated PVC
- 4.2.2 Wall Thickness: .007" nom.
- 4.2.3 Color code: 1-Black, 2-Red,  
3-Green, 4-White

### 4.3 JACKET:

- 4.3.1 Material: Plenum Rated PVC
- 4.3.2 Wall Thickness: .015" nom.
- 4.3.3 OD: .133" nom.
- 4.3.4 Color: Blue
- 4.3.5 Markings: "REX/SPARE\*\*\*  
DOOR/LOCATION / A B C D E F / 0 1 2 3 4  
5 6 7 8 9 10 11 12 E191596 22 AWG 4C  
(UL) CMP C(UL)US OR (UL) CL3P 75'C FT-6  
ROHS COMPLIANT"

## 5.0 OVERALL CABLE:

### 5.1 ASSEMBLY: ELEMENTS 1, 2, 3 & 4

- 5.1.1 Cable Lay Length: 5.75" LHL, nom.
- 5.1.2 Cable Ripcord: Yes

### 5.2 JACKET:

- 5.2.1 Material: Plenum Rated PVC
- 5.2.2 Wall Thickness: .015" nom.
- 5.2.3 O.D.: .399" nom.
- 5.2.4 Color: Yellow
- 5.2.5 Markings: "PAIGE #451680P6RX  
ACCESS CONTROL CABLE\*\*\*DOOR/LOCATION /  
A B C D E F / 0 1 2 3 4 5 6 7 8 9 10 11 12  
E191596 18AWG 4C + 22AWG 3 PR SHLD  
+ 22AWG 2C + 22AWG 4C (UL) CMP  
C(UL)US OR (UL) CL3P 75'C FT-6 ROHS  
COMPLIANT"  
(Ascending/Descending footage  
markings)