



Paige[®] spec 2S1680P6R1 (1000) OR R5 (500)

PDS #236030807

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"



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 #2S1680P6RX
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)