

## Specification & Technical Data Sheet

Part Number: RWC-P4E-SEC

RELIABLE ACCESS CONTROL COMPOSITE CABLE - PLENUM  
 22AWG 2C + 22AWG 4C + 18AWG 4C + 22AWG 3PR SHLD PLENUM



### 1. Conductor

- ☉ AWG Size: 18 | 22x3
- ☉ Type: 7 Strand Bare Copper

### 2. Insulation

- ☉ Material: Plenum
- ☉ Wall Thickness: 0.007"
- ☉ Color Code: 1-22/2 NS GREEN STP 2-22/4 NS RED STP 3-18/4 NS PURPLE STP 4-22/3P OAS YELLOW STP

### 3. Assembly

- ☉ Cable Lay Length: See Individual Elements
- ☉ Shield: 22/3PAIR ONLY (OVERALL SHIELD)
- ☉ Drain: 24awg Tinned Copper (22/3p)
- ☉ Braid:

### 4. Jacket

- ☉ Material: Plenum
- ☉ Wall Thickness: 0.015"
- ☉ Diameter: 0.399"
- ☉ Color: Yellow
- ☉ Ripcord: Yes
- ☉ Weight: 95.0000 lbs/Mft.

### 5. Markings

- ☉ Type: Inkjet Printer
- ☉ Legend: 18AWG 4C + 22AWG 2C + 22AWG 4C + 22AWG 3PR SHLD PLENUM; Sequential Foot Markers; Zone Markers; UL Standard Legend
- ☉ Footage Markers: Yes

### 6. Electricals

- ☉ Impedance:  $\Omega$ /Mft.
- ☉ Capacitance: 0 pF/ft +/- 10%
- ☉ DC Resistance: 0.00  $\Omega$ /Mft. @ 20°C

### 7. Standards

- ☉ UL listed as type FPLP 75°C per UL standard 1424 or CL3P per UL Standard 13, CMP per UL 444
- ☉ All materials used in the manufacture of this cable are RoHS II & REACH compliant
- ☉ Maximum Operating Voltage: 300V RMS
- ☉ Made in the USA

## Specification & Technical Data Sheet

Part Number: ELEMENT 1 (Door Contact)

22-02 NS CMP - WHITE W/ GREEN STRIPE

### 1. Conductor

- AWG Size: 22
- Type: 7 Strand Bare Copper

### 2. Insulation

- Material: Plenum
- Wall Thickness: 0.007"
- Color Code: 1-Black; 2-Red

### 3. Assembly

- Cable Lay Length: 1.75" LHL (6.85 Tw/Ft)
- Shield: Non
- Drain: N/A
- Braid:

### 4. Jacket

- Material: Plenum
- Wall Thickness: 0.015"
- Diameter: 0.115"
- Color: White w/ Green Stripe
- Ripcord: Yes
- Weight: 10.0000 lbs/Mft.

### 5. Markings

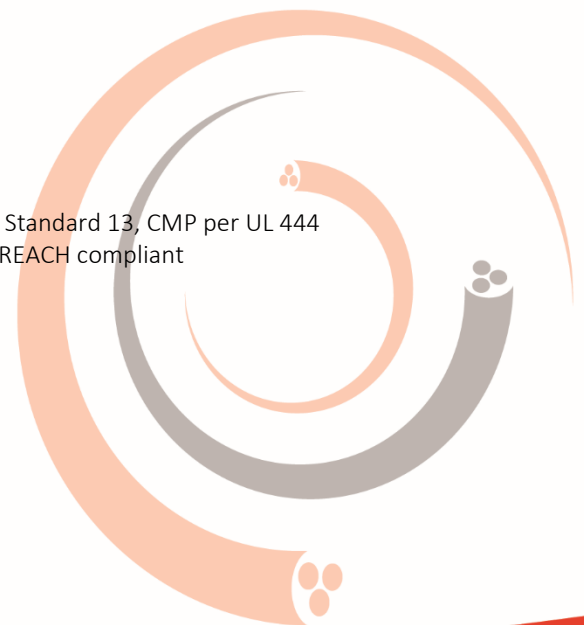
- Type: Inkjet Printer
- Legend: DOOR CONTACT; Sequential Foot Markers; UL Standard Legend; Plenum Rated
- Footage Markers: Yes

### 6. Electricals

- Impedance:  $\Omega$ /Mft.
- Capacitance: 25 pF/ft +/- 10%
- DC Resistance: 17.50  $\Omega$ /Mft. @ 20°C

### 7. Standards

- UL listed as type FPLP 75°C per UL standard 1424 or CL3P per UL Standard 13, CMP per UL 444
- All materials used in the manufacture of this cable are RoHS II & REACH compliant
- Maximum Operating Voltage: 300V RMS
- Made in the USA



## Specification & Technical Data Sheet

Part Number: ELEMENT 2 (REX / Spare)

22-04 NS CMP - WHITE W/ RED STRIPE

### 1. Conductor

- AWG Size: 22
- Type: 7 Strand Bare Copper

### 2. Insulation

- Material: Plenum
- Wall Thickness: 0.007"
- Color Code: 1-Black; 2-Red; 3-White; 4-Green

### 3. Assembly

- Cable Lay Length: 1.75" LHL (6.85 Tw/Ft)
- Shield: Non
- Drain: N/A
- Braid:

### 4. Jacket

- Material: Plenum
- Wall Thickness: 0.015"
- Diameter: 0.135"
- Color: White w/ Red Stripe
- Ripcord: Yes
- Weight: 15.0000 lbs/Mft.

### 5. Markings

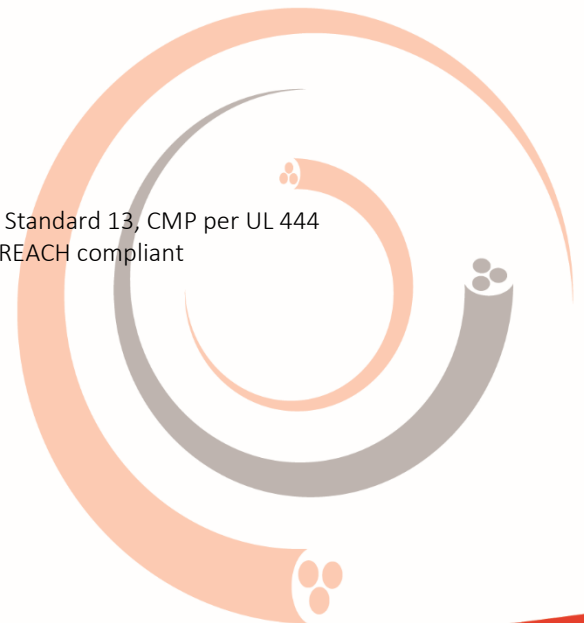
- Type: Inkjet Printer
- Legend: REX / SPARE; Sequential Foot Markers; UL Standard Legend; Plenum Rated
- Footage Markers: Yes

### 6. Electricals

- Impedance:  $\Omega$ /Mft.
- Capacitance: 25 pF/ft +/- 10%
- DC Resistance: 17.50  $\Omega$ /Mft. @ 20°C

### 7. Standards

- UL listed as type FPLP 75°C per UL standard 1424 or CL3P per UL Standard 13, CMP per UL 444
- All materials used in the manufacture of this cable are RoHS II & REACH compliant
- Maximum Operating Voltage: 300V RMS
- Made in the USA



## Specification & Technical Data Sheet

Part Number: ELEMENT 3 (Lock Power)

18-04 NS CMP - WHITE W/ PURPLE STRIPE

### 1. Conductor

- AWG Size: 18
- Type: 7 Strand Bare Copper

### 2. Insulation

- Material: Plenum
- Wall Thickness: 0.007"
- Color Code: 1-Black; 2-Red; 3-White; 4-Green

### 3. Assembly

- Cable Lay Length: 2.25" LHL (5.33 tw/ft)
- Shield: Non
- Drain: N/A
- Braid:

### 4. Jacket

- Material: Plenum
- Wall Thickness: 0.015"
- Diameter: 0.175"
- Color: White w/ Purple Stripe
- Ripcord: Yes
- Weight: 31.0000 lbs/Mft.

### 5. Markings

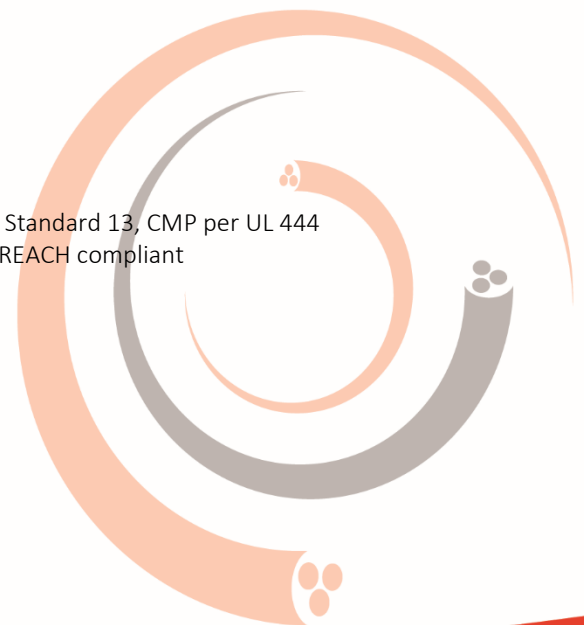
- Type: Inkjet Printer
- Legend: LOCK POWER; Sequential Foot Markers; UL Standard Legend; Plenum Rated
- Footage Markers: Yes

### 6. Electricals

- Impedance:  $\Omega$ /Mft.
- Capacitance: 30 pF/ft +/- 10%
- DC Resistance: 6.92  $\Omega$ /Mft. @ 20°C

### 7. Standards

- UL listed as type FPLP 75°C per UL standard 1424 or CL3P per UL Standard 13, CMP per UL 444
- All materials used in the manufacture of this cable are RoHS II & REACH compliant
- Maximum Operating Voltage: 300V RMS
- Made in the USA



## Specification & Technical Data Sheet

Part Number: ELEMENT 4 (Card Reader)

22-3P OAS CMP - WHITE JACKET W/ YELLOW STRIPE

### 1. Conductor

- AWG Size: 22
- Type: 7 Strand Bare Copper

### 2. Insulation

- Material: Plenum
- Wall Thickness: 0.007"
- Color Code: 1-Black/Red, 2-Green/White, 3-Orange/Brown

### 3. Assembly

- Cable Lay Length: Pair: 2.00" LHL (6.00 Tw/Ft) / Cable: 2.50" LHL (4.80 Tw/Ft)
- Shield: Shielded
- Drain: 24awg 7strand Tinned Copper
- Braid:

### 4. Jacket

- Material: Plenum
- Wall Thickness: 0.015"
- Diameter: 0.160"
- Color: White w/ Yellow Stripe
- Ripcord: Yes
- Weight: 24.0000 lbs/Mft.

### 5. Markings

- Type: Inkjet Printer
- Legend: CARD READER; Sequential Foot Markers; UL Standard Legend; Plenum Rated
- Footage Markers: Yes

### 6. Electricals

- Impedance:  $\Omega$ /Mft.
- Capacitance: 47 pF/ft +/- 10%
- DC Resistance: 17.50  $\Omega$ /Mft. @ 20°C

### 7. Standards

- UL listed as type FPLP 75°C per UL standard 1424 or CL3P per UL Standard 13, CMP per UL 444
- All materials used in the manufacture of this cable are RoHS II & REACH compliant
- Maximum Operating Voltage: 300V RMS
- Made in the USA

