



Access Control Cable

SES TYPE M CABLE

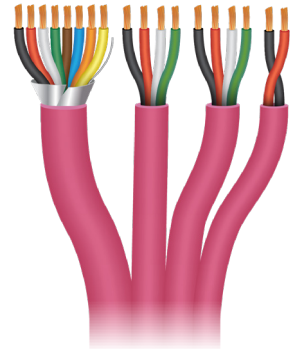
20/8 STR OAS CMP - Reader

20/4 STR CMP - Rex/Motion

22/4 STR CMP - Contacts

18/2 STR CMP - Lock Power

236250851 (1000) and 236250751 (500)



1.0 Scope

- 1.1** This cable is a composite construction of 4 Plenum rated components that are cabled together without an overall jacket. Component 1 contains (8) 20 AWG stranded copper conductors insulated with color-coded FPR, wrapped with a tinned copper drain wire and overall Aluminum-Polyester foil shield, with a pink jacket. Component 2 contains (4) 20 AWG stranded copper conductors insulated with color-coded FPR, with a pink jacket. Component 3 contains (4) 22 AWG stranded copper conductors insulated with color-coded FPR, with a pink jacket. Component 4 contains (2) 18 AWG stranded copper conductors insulated with color-coded FPR, with a pink jacket.

2.0 Construction

2.1 Component 1

2.1.1 Conductor

- 2.1.1.1 Material: Stranded Bare Copper
- 2.1.1.2 Size: 20 AWG Stranded (7 Strand)
- 2.1.1.3 # Conductors: 8

2.1.2 Insulation

- 2.1.2.1 Material: FPR
- 2.1.2.2 Wall Thickness: 0.007"
- 2.1.2.2 Color Code: Black, Red, White, Green, Brown, Blue, Orange, Yellow
- 2.1.2.3 Shield: Aluminum Polyester Foil
- 2.1.2.2 Shield Coverage: 100%

2.1.3 Drain Wire:

- 2.1.3.1 Material: Tinned Copper - 24 AWG
- 2.1.3.2 Construction: Stranded

2.1.4 Jacket

- 2.1.4.1 Material: FPR - Pink
- 2.1.4.2 Wall Thickness: 0.15"
- 2.1.4.3 OD: .201"

2.2 Component 2

2.2.1 Conductor

- 2.2.1.1 Material: Stranded Bare Copper
- 2.2.1.2 Size: 20 AWG Stranded (7 Strand)
- 2.2.1.3 # Conductors: 4

2.2.2 Insulation

- 2.2.2.1 Material: FPR
- 2.2.2.2 Wall Thickness: 0.007"
- 2.2.2.2 Color Code: Black, Red, White, Green.

2.2.3 Jacket

- 2.2.3.1 Material: FPR - Pink
- 2.2.3.2 Wall Thickness: 0.14
- 2.2.3.3 OD: .153"

2.3 Component 3

2.3.1 Conductor

- 2.3.1.1 Material: Stranded Bare Copper
- 2.3.1.2 Size: 22 AWG Stranded (7 Strand)
- 2.3.1.3 # Conductors: 4

2.3.2 Insulation

- 2.3.2.1 Material: FPR

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- 2.3.2.2 Wall Thickness: 0.007"
- 2.3.2.2 Color Code: Black, Red, White, Green

2.3.3 Jacket

- 2.3.3.1 Material: FPR - Pink
- 2.3.3.2 Wall Thickness: 0.15"
- 2.3.3.3 OD: .131"

2.4 Component 4

2.4.1 Conductor

- 2.4.1.1 Material: Stranded Bare Copper
- 2.4.1.2 Size: 18 AWG Stranded (7 Strand)
- 2.4.1.3 # Conductors: 2

2.4.2 Insulation

- 2.4.2.1 Material: FPR
- 2.4.2.2 Wall Thickness: 0.007"
- 2.4.2.3 Color Code: Black, Red

2.4.3 Jacket

- 2.4.3.1 Material: FPR - Pink
- 2.4.3.2 Wall Thickness: 0.15"
- 2.4.3.3 OD: .148"

2.5 Overall Jacket: none

- 2.5.1 Outer Diameter: .375" nom +/- 0.025"
- 2.5.2 Bonding: Elements to be bound together in a skip bound construction
- 2.5.3 Weight: 96 LBS/1000'
- 2.5.4 Package: 1000' Reel and 500' Reel

Compliance:

- Cable suitable for installation under NEC (NFPA 70) articles 800, 725 and 760 guidelines
- Cable suitable for installation in Canada under Section 60 of CEC, Part1
- C(UL) listed as CMP per UL standard 444 and per CSA C22.2 No. 214-17
- UL Listed as CL3P per UL standard 13 or FPLP per UL standard 1424
- Cable meets NFPA 262 (Steiner tunnel) flame test
- Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
- Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated June 27, 2018
- Made in the USA

3.0 Component Markings

- 3.1** Component 1: PAIGE 236250XXX READER CABLE E171202 20 AWG 8C SHIELDED 75C (UL) CL3P OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA
- 3.2** Component 2: PAIGE 236250XXX REX/ MOTION E171202 20 AWG 4C 75C (UL) CL3P OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA
- 3.3** Component 3: PAIGE 236250XXX CONTACTS E171202 22 AWG 4C 75C (UL) CL3P OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA
- 3.4** Component 4: PAIGE 236250XXX LOCK POWER E171202 18 AWG 2C 75C (UL) CL3P OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA

Footnotes:

Printing to be permanently identified via inkjet or print wheel print. (*)

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