



2012 CORPORATE LANE, SUITE 116 NAPERVILLE, IL 60563 TOLL FREE: 888-888-8045

Part #: ACCESS-COMPOS-PVC

Description: Four element composite riser rated cable, 4 conductors 18 AWG unshielded, 3 pairs 22awg shielded, 2 conductors 22 AWG unshielded and 4 conductors 22 AWG unshielded each element individually jacketed and cabled with an overall polyvinylchloride jacket for data communications and security applications manufactured in the USA and listed (UL) CL3R or CMR/CMG c(UL)us 75°C, FT-4.

Element 1: 18 AWG, 4 Conductors PVC/PVC Unshielded Jacketed Component

1. Conductor

1.1 AWG & Stranding: 18 AWG, Class 7 Strands
1.2 Material: Annealed Bare Copper

2. Insulation

2.1 Material: Riser Rated Polyvinylchloride (PVC)
2.2 Wall Thickness: 0.008"

3. Color Code

3.1 Code: Black, Green, Red, White

4. Assembly

4.1 Pair Lay Length: 2.25" LHL, Nominal
4.2 Pair Binder: N/A
4.3 Pair Shield: N/A
4.4 Pair Drain Wire: N/A

5. Jacket

5.1 Material: Riser Rated Polyvinylchloride (PVC)
5.2 Wall Thickness: 0.015"
5.3 Diameter: 0.180"
5.4 Color: Gray/Violet

6. Markings

6.1 Type: Cable shall be permanently identified via surface inkjet print
6.2 Legend: "LOCK POWER" E171197 18AWG 4C (UL) CL3R OR CMR/CMG C(UL)US
75°C SUN RES FT-4 "ROHS"

7. Standards

7.1 UL listed as Type CL3R or CMR/CMG c(UL)us 75°C, FT-4
7.2 All materials used in the manufacture of this component are RoHS compliant

Element 2: 22 AWG, 3 pairs PVC/PVC shielded Jacketed Component

1. Conductor

1.1 AWG & Stranding: 22 AWG, Class B 7 Strands
1.2 Material: Annealed Bare Copper

2. Insulation

2.1 Material: Riser Rated Polyvinylchloride (PVC)
2.2 Wall Thickness: 0.008"

3. Color Code

3.1 Code: Black x Red, Black x White, x Black x Green

4. Assembly

4.1 Pair/Cable Lay Length: 2.00" LHL / 2.50" LHL, Nominal

4.2 Cable Binder: N/A

4.3 Cable Shield: Aluminum Mylar - 100% Coverage

4.4 Cable Drain Wire: 24 AWG 7str Tinned Copper

5. Jacket

5.1 Material: Riser Rated Polyvinylchloride (PVC)

5.2 Wall Thickness: 0.015"

5.3 Diameter: 0.192"

5.4 Color: Gray/Yellow

6. Markings

6.1 Type: Cable shall be permanently identified via surface inkjet print

6.2 Legend: "READER CABLE" E171197 22AWG 3PR SHLD (UL) CL3R OR CMR/CMG C(UL)US 75°C SUN RES FT-4 "ROHS"

7. Standards

7.1 UL listed as Type CL3R or CMR/CMG c(UL)us 75°C, FT-4

7.2 All materials used in the manufacture of this component are RoHS compliant

Element 3: 22 AWG, 2 conductors PVC/PVC Jacketed Component

1. Conductor

1.1 AWG & Stranding: 22 AWG, Class B 7 Strands

1.2 Material: Annealed Bare Copper

2. Insulation

2.1 Material: Riser Rated Polyvinylchloride (PVC)

2.2 Wall Thickness: 0.007"

3. Color Code

3.1 Code: Black, Red

4. Assembly

4.1 Pair Lay Length: 1.50" LHL, Nominal

4.2 Pair Binder: N/A

4.3 Pair Shield: N/A

4.4 Pair Drain Wire: N/A

5. Jacket

5.1 Material: Riser Rated Polyvinylchloride (PVC)

5.2 Wall Thickness: 0.015"

5.3 Diameter: 0.110"

5.4 Color: Gray/Green

6. Markings

6.1 Type: Cable shall be permanently identified via surface inkjet print

6.2 Legend: "CONTACT CABLE" E171197 22AWG 2C (UL) CL3R OR CMR/CMG C(UL)US 75°C SUN RES FT-4 "ROHS"

7. Standards

7.1 UL listed as Type CL3R or CMR/CMG c(UL)us 75°C, FT-4

7.2 All materials used in the manufacture of this component are RoHS compliant

Element 4: 22 AWG, 4 Conductors PVC/PVC shielded Jacketed Component

1. Conductor

1.1 AWG & Stranding: 22 AWG, Class B 7 Strands

1.2 Material: Annealed Bare Copper

2. Insulation

2.1 Material: Riser Rated Polyvinylchloride (PVC)

2.2 Wall Thickness: 0.007"

3. Color Code

- 3.1 Code: Black, Red, Green, White
- 4. Assembly**
 - 4.1 Pair Lay Length: 3.00" LHL, Nominal
 - 4.2 Pair Binder: N/A
 - 4.3 Pair Shield: N/A
 - 4.4 Pair Drain Wire: N/A
- 5. Jacket**
 - 5.1 Material: Riser Rated Polyvinylchloride (PVC)
 - 5.2 Wall Thickness: 0.015"
 - 5.3 Diameter: 0.134"
 - 5.4 Color: Gray/Red
- 6. Markings**
 - 6.1 Type: Cable shall be permanently identified via surface inkjet print
 - 6.2 Legend: "SPARE / REX" E171197 22AWG 4C (UL) CL3R OR CMR/CMG C(UL)US 75°C SUN RES FT-4 "ROHS"
- 7. Standards**
 - 7.1 UL listed as Type CL3R or CMR/CMG c(UL)us 75°C, FT-4
 - 7.2 All materials used in the manufacture of this component are RoHS compliant

Overall Cable:

- 5. Assembly - Elements 1, 2, 3, & 4**
 - 5.1 Cable Lay Length: 5.75" LHL, Nominal
 - 5.2 Cable Binder: N/A
 - 5.3 Cable Shield: N/A
 - 5.4 Cable Drain Wire: N/A
 - 5.5 Fillers: N/A
- 6. Jacket**
 - 6.1 Material: Riser Rated Polyvinylchloride (PVC)
 - 6.2 Wall Thickness: 0.025"
 - 6.3 Diameter: 0.429"
 - 6.4 Color: Special Orange
 - 6.5 Weight: 104 lbs./Mft.
- 7. Markings**
 - 7.1 Type: Cable shall be permanently identified via surface inkjet print
 - 7.2 Legend: "ACCESS CONTROL COMPOSITE CABLE" A-B-C-D-E-F-G 1-2-3-4-5-6-7-8-9-10 E171197 + 18AWG 4C + 22AWG 3PR SHLD + 22AWG 2C + 22AWG 4C (UL) CL3R OR CMR/CMG C(UL)US 75°C SUN RES FT-4 "ROHS"
- 8. Standards**
 - 8.1 UL listed as Type CL3R or CMR/CMG c(UL)us 75°C, FT-4
 - 8.2 All materials used in the manufacture of this cable are RoHS compliant

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION