



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

Part #: ACCESS-COMP-SHLD-PL

Description: A 4 element individually jacketed plenum rated access control composite cable.

18 AWG 4 Conductor Shielded
22 AWG 3 Pair Shielded
22 AWG 2 Conductor Shielded
22 AWG 4 Conductor Shielded

Element 1: 18 AWG 4C SHIELDED

1. Conductor

1.1. AWG Size & Stranding: 18 AWG, 7 Strands Class B
1.2. Material: Annealed Bare Copper
1.3. Conductor Count: 4 Conductors

2. Insulation

2.1. Material: Plenum Rated Polyvinylchloride
2.2. Wall Thickness: 0.007"
2.3. Color Code: Black, Red, White, Green

3. Assembly

3.1. Nominal Lay Length: 3.00" LHL (4.00 Tw/Ft)
3.2. Shield: Aluminum Mylar Tape - 100% coverage
3.3. Drain Wire: 24 AWG 7 strand tinned copper

4. Jacket

4.1. Material: Plenum Rated Polyvinylchloride
4.2. Wall thickness: 0.015"
4.3. Diameter: 0.175"
4.4. Color: Natural / Violet
4.5. Ripcord: Yes
4.6. Weight: 33 lbs./Mft.

5. Markings

5.1. Type: Cable shall be permanently identified via surface inkjet print
5.2. Legend: E171197 18AWG 4C SHLD (UL) CMP C(UL)US or (UL) CL3P
75°C FT-6 LOCK POWER / PIR "ROHS" MADE IN USA
5.3. Footage Markers: No

6. Standards

6.1. UL listed as Type CL3P or CMP c(UL)us 75°C, FT-6
6.2. All materials used in the manufacture of this cable are RoHS compliant
6.3. Recommended Operating Voltage: 300V
6.4. Made in the USA

Element 2: 22 AWG 3PR SHIELDED

1. Conductor

- 1.1. AWG Size & Stranding: 22 AWG, 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 3 Pairs

2. Insulation

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Color code: Black x Red, Green x White, Orange x Brown

3. Assembly

- 3.1. Pair Lay Length: 2.00" LHL (6.00 Tw/Ft)
- 3.2. Cable Lay Length: 2.50" LHL (4.80 Tw/Ft)
- 3.3. Cable Shield: Aluminum Mylar Tape - 100% Coverage
- 3.4. Cable Drain Wire: 24 AWG 7 Strand Tinned copper

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall thickness: 0.015"
- 4.3. Diameter: 0.183"
- 4.4. Color: Natural / Yellow
- 4.5. Ripcord: Yes
- 4.6. Weight: 25 lbs./Mft.

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: E171197 22AWG 3PR SHLD (UL) CMP C(UL)US OR (UL) CL3P
75°C FT-6 CARD READER "ROHS" MADE IN USA
- 5.3. Footage Markers: No

6. Standards

- 6.1. UL listed as Type CL3P or CMP c(UL)us 75°C, FT-6
- 6.2. All materials used in the manufacture of this cable are RoHS compliant
- 6.3. Recommended Operating Voltage: 300V
- 6.4. Made in the USA

Element 3: 22 AWG 2C SHIELDED

1. Conductor

- 1.1. AWG Size & Stranding: 22 AWG, 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 2 Conductors

2. Insulation

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Color code: Black, Red

3. Assembly

- 3.1. Nominal Lay Length: 2.00" LHL (6.00 tw/ft)
- 3.2. Shield: Aluminum Mylar Tape - 100% Coverage
- 3.3. Drain Wire: 24 AWG 7 Strand Tinned Copper

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall thickness: 0.015"

- 4.3. Diameter: 0.117"
- 4.4. Color: Natural / Green
- 4.5. Ripcord: Yes
- 4.6. Weight: 11 lbs./Mft.

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: E171197 22AWG 2C SHLD (UL) CMP C(UL)US OR (UL) CL3P
75°C FT-6 DOOR CONTACT "ROHS" MADE IN USA
- 5.3. Footage Markers: No

6. Standards

- 6.1. UL listed as Type CL3P or CMP c(UL)us 75°C, FT-6
- 6.2. All materials used in the manufacture of this cable are RoHS compliant
- 6.3. Recommended Operating Voltage: 300V
- 6.4. Made in the USA

Element 4: 22 AWG 4C SHIELDED

1. Conductor

- 1.1. AWG Size & Stranding: 22 AWG, 7 Strands Class B
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 4 Conductors

2. Insulation

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall Thickness: 0.007"
- 2.3. Color code: Black, Red, White, Green

3. Assembly

- 3.1. Nominal Lay Length: 3.00" LHL (4.00 tw/ft)
- 3.2. Shield: Aluminum Mylar Tape - 100% Coverage
- 3.3. Drain Wire: 24 AWG 7 Strand Tinned Copper

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall thickness: 0.015"
- 4.3. Diameter: 0.135"
- 4.4. Color: Natural / Red
- 4.5. Ripcord: Yes
- 4.6. Weight: 17 lbs./Mft.

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: E171197 22AWG 4C SHLD (UL) CMP C(UL)US OR (UL) CL3P
75°C FT-6 REX/SPARE "ROHS" MADE IN USA
- 5.3. Footage Markers: No

6. Standards

- 6.1. UL listed as Type CL3P or CMP c(UL)us 75°C, FT-6
- 6.2. All materials used in the manufacture of this cable are RoHS compliant
- 6.3. Recommended Operating Voltage: 300V
- 6.4. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION