



Specification Sheet

Lake Cable Part #: S800081709-04

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

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

Element 1: 18 AWG 4C UNSHIELDED

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, White, Red, Green

3. Assembly

- 3.1. Nominal Lay Length: 2.25" LHL (5.33 Tw/Ft)
- 3.2. Shield: N/A
- 3.3. Drain Wire: N/A

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall thickness: 0.015"
- 4.3. Diameter: 0.172"
- 4.4. Color: Natural/Violet
- 4.5. Ripcord: Yes
- 4.6. Weight: 32 lbs./Mft.

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: LOCK POWER E171197 18AWG 4C (UL) CMP C(UL)US OR (UL) CL3P
75°C FT-6 "ROHS II" REACH 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

Your signature on this specification constitutes your agreement to take delivery of this product and that you understand that this item and your order are non-cancelable and non-returnable.

Signature

Company

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION



Specification Sheet

Lake Cable Part #: S800081709-04

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: Green x White, Black x Red, Brown x Orange

3. Assembly

- 3.1. Pair Lay Length: 1.06" LHL (11.30 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: CARD READER E171197 22AWG 3PR (UL) CMP C(UL)US OR
(UL) CL3P 75°C FT-6 "ROHS II" REACH 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

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Specification Sheet

Lake Cable Part #: S800081709-04

Element 3: 22 AWG 2C UNSHIELDED

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: 1.50" LHL (8.00 Tw/Ft)
- 3.2. Shield: N/A
- 3.3. Drain Wire: N/A

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall thickness: 0.015"
- 4.3. Diameter: 0.115"
- 4.4. Color: Natural/Green
- 4.5. Ripcord: Yes
- 4.6. Weight: 10 lbs./Mft.

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: DOOR CONTACT E171197 22AWG 2C (UL) CMP C(UL)US OR (UL) CL3P
75°C FT-6 "ROHS II" REACH 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

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Specification Sheet

Lake Cable Part #: S800081709-04

Element 4: 22 AWG 4C UNSHIELDED

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, White, Red, Green

3. Assembly

- 3.1. Nominal Lay Length: 1.75" LHL (6.85 Tw/Ft)
- 3.2. Shield: N/A
- 3.3. Drain Wire: N/A

4. Jacket

- 4.1. Material: Plenum Rated Polyvinylchloride
- 4.2. Wall thickness: 0.015"
- 4.3. Diameter: 0.132"
- 4.4. Color: Natural/Red
- 4.5. Ripcord: Yes
- 4.6. Weight: 16 lbs./Mft.

5. Markings

- 5.1. Type: Cable shall be permanently identified via surface inkjet print
- 5.2. Legend: REX/SPARE E171197 22AWG 4C (UL) CMP C(UL)US OR (UL) CL3P
75°C FT-6 "ROHS II" REACH 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

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Specification Sheet

Lake Cable Part #: S800081709-04

Overall Cable

1. Assembly

- 1.1. Nominal Lay Length: 9.00" LHL (1.33 Tw/Ft)
- 1.2. Shield: N/A
- 1.3. Drain Wire: N/A

2. Jacket

- 2.1. Material: Plenum Rated Polyvinylchloride
- 2.2. Wall thickness: 0.015"
- 2.3. Diameter: 0.399"
- 2.4. Color: Yellow
- 2.5. Ripcord: Yes
- 2.6. Weight: 95 lbs./Mft.

3. Markings

- 3.1. Type: Cable shall be permanently identified via surface inkjet print
- 3.2. Legend: LAKE CABLE E171197 18AWG 4C + 22AWG 2C + 22AWG 4C + 22AWG 3PR
(UL) CMP C(UL)US OR (UL) CL3P 75°C FT-6 "ROHS II" REACH MADE
IN USA
- 3.3. Footage Markers: Yes

4. Standards

- 4.1. UL listed as Type CL3P or CMP c(UL)us 75°C, FT-6
- 4.2. All materials used in the manufacture of this cable are RoHS compliant
- 4.3. Maximum Operating Voltage: 300V
- 4.4. Made in the USA

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