

Specification Sheet

BWC Part Number#: 4269

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: 3.00" LHL (4.00 Tw/Ft)

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 E171202 18AWG 4C 75C (UL) CL3P OR C(UL)US
CMP FT6 "ROHS COMPLIANT" MADE IN USA
5.3. Footage Markers: No

Element 2: 22 AWG 3PR Shielded

6. Conductor

- 6.1. AWG Size & Stranding: 22 AWG 7 Strands Class B
6.2. Material: Annealed Bare Copper
6.3. Conductor Count: 3 Pairs

7. Insulation

- 7.1. Material: Plenum Rated Polyvinylchloride
7.2. Wall Thickness: 0.007"
7.3. Color code: Green x White, Black x Red, Brown x Orange

8. Assembly

- 8.1. Pair Lay Length: 2.50" LHL (4.80 Tw/Ft)
8.2. Cable Lay Length: 3.00" LHL (4.00 Tw/Ft)
8.3. Cable Shield: Aluminum Mylar Tape - 100% Coverage
8.4. Cable Drain Wire: 24 AWG 7 Strand Tinned copper



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9. Jacket

9.1. Material:	Plenum Rated Polyvinylchloride
9.2. Wall thickness:	0.015"
9.3. Diameter:	0.180"
9.4. Color:	Natural/Yellow
9.5. Ripcord:	Yes
9.6. Weight:	25 lbs./Mft.

10. Markings

10.1. Type:	Cable shall be permanently identified via surface inkjet print
10.2. Legend:	CARD READER E171202 22AWG 3PR 75C (UL) CL3P OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA
10.3. Footage Markers:	No

Element 3: 22 AWG 2C Unshielded

11. Conductor

11.1. AWG Size & Stranding:	22 AWG 7 Strands Class B
11.2. Material:	Annealed Bare Copper
11.3. Conductor Count:	2 Conductors

12. Insulation

12.1. Material:	Plenum Rated Polyvinylchloride
12.2. Wall Thickness:	0.007"
12.3. Color code:	Black, Red

13. Assembly

13.1. Nominal Lay Length:	2.50" LHL (4.80 Tw/Ft)
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14. Jacket

14.1. Material:	Plenum Rated Polyvinylchloride
14.2. Wall thickness:	0.015"
14.3. Diameter:	0.114"
14.4. Color:	Natural/Green
14.5. Ripcord:	Yes
14.6. Weight:	9 lbs./Mft.

15. Markings

15.1. Type:	Cable shall be permanently identified via surface inkjet print
15.2. Legend:	DOOR CONTACT E171202 22AWG 2C 75C (UL) CL3P OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA
15.3. Footage Markers:	No

Element 4: 22 AWG 4C Unshielded

16. Conductor

16.1. AWG Size & Stranding:	22 AWG 7 Strands Class B
16.2. Material:	Annealed Bare Copper
16.3. Conductor Count:	4 Conductors

17. Insulation

17.1. Material:	Plenum Rated Polyvinylchloride
17.2. Wall Thickness:	0.007"
17.3. Color code:	Black, Red, White, Green



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18. Assembly

18.1. Nominal Lay Length: 3.00" LHL (4.00 Tw/Ft)

19. Jacket

19.1. Material: Plenum Rated Polyvinylchloride
19.2. Wall thickness: 0.015"
19.3. Diameter: 0.131"
19.4. Color: Natural/Red
19.5. Ripcord: Yes
19.6. Weight: 15 lbs./Mft.

20. Markings

20.1. Type: Cable shall be permanently identified via surface inkjet print
20.2. Legend: REX/SPARE E171202 22AWG 4C 75C (UL) CL3P OR C(UL)US
CMP FT6 "ROHS COMPLIANT" MADE IN USA
20.3. Footage Markers: No

Overall Cable

21. Assembly

21.1. Nominal Lay Length: 8.00" LHL (1.50 Tw/Ft)
21.2. Shield: N/A
21.3. Drain Wire: N/A

22. Jacket

22.1. Material: Plenum Rated Polyvinylchloride
22.2. Wall thickness: 0.023"
22.3. Diameter: 0.386" ± 0.030"
22.4. Color: Yellow
22.5. Ripcord: Yes
22.6. Weight: 98 lbs./Mft.

23. Markings

23.1. Type: Cable shall be permanently identified via surface inkjet print
23.2. Legend: LAKE CABLE E171202 18AWG 4C + 22AWG 3PR + 22AWG 4C + 22AWG 2C
75C (UL) CL3P OR C(UL)US CMP FT6 "ROHS COMPLIANT" MADE IN USA
23.3. Footage Markers: Yes

24. Standards

24.1. Cable suitable for installation under NEC (NFPA 70) articles 800, 725 and 760 guidelines
24.2. Cable suitable for installation in Canada under Section 60 of CEC, Part I
24.3. C(UL)US listed as CMP per UL standard 444 and per CSA C22.2 No. 214-17
24.4. UL listed as CL3P per UL standard 13
24.5. Cable meets NFPA 262 (Steiner tunnel) flame test
24.6. Cable meets RoHS 2002/95/EC Directive, RoHS 2 2011/65/EU Directive, RoHS 3 2015/863/EU Directive
24.7. Cable is REACH compliant per Regulation (EC) No 1907/2006 (224) Updated June 10, 2022
24.8. Operating Voltage: 300V RMS
24.9. Made in the USA
24.10. ⚠️ WARNING: This product may contain chemicals, such as Vinyl Chloride, known to the state of California to cause cancer. For more information, go to www.P65Warnings.ca.gov. Wash hands after handling

ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION. BEST WIRE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN WIRE CABLE AT THE TIME OF DESIGN.

