

ACCESS CONTROL CABLE (CMP/CL3P) 22-AWG/3P (SHIELDED) + 18-AWG/4C + 22-AWG/4C + 22-AWG/2C



DESCRIPTION

Access Control Panel Cable, CMP/CL3P Rated,
3P x 22-AWG Shielded / 4 x 18-AWG / 4 x 22-AWG /
2 x 22-AWG, Stranded Bare Copper Conductors.

FEATURES

- 4 Component Access Control Cable
- For Access Control Panels, Security Panels, Card Readers, Sensors, Keypads, Power, Microphones, Speakers, Alarm Systems
- 3 Pair x 22-AWG / 4 x 18-AWG / 4 x 22-AWG / 2 x 22-AWG Stranded Bare Copper Conductors
- Each component contains individual rip cord
- Exceeds ANSI/TIA-568.2-D and ISO/IEC 11801 specifications
- CAN/CSA-C22.2 No. 214, RoHS compliant
- CMP/CL3P Overall Plenum Rated Jacket
- ETL listed



214-2330/P/YL

TRANSMISSION PERFORMANCE

Meets or exceeds ANSI/TIA-568.2-D and ISO/IEC 11801 specifications

CONSTRUCTION

Conductor Material:
Rip Cord:

Stranded Bare Copper
x5 (Nylon)

COMPONENT 1 (3P x 22-AWG)

Conductors:
Insulation Thickness:
Insulation Outer Diameter:
Insulation Material:
Jacket Color:
Screen:
Drain Wire (Tinned Copper):
Insulation Color Coding:

3 Twisted Pairs / 6 Conductors
0.0075 in. (0.19 mm)
0.0433 in. (1.10 mm)
Flame Retardant Polyvinyl Chloride (FR-PVC)
White with Yellow Stripe
Foiled
0.0157 in. (0.40 mm)
Pair 1: Black & Red
Pair 2: White & Green
Pair 3: Brown & Orange
0.0197 in. (0.38 mm)
0.2125 in. (4.50 mm)
Flame Retardant Polyvinyl Chloride (FR-PVC)
CARD READER 22AWG 3P

Jacket Thickness:
Outer Diameter:
Jacket Material:
Jacket Marking:

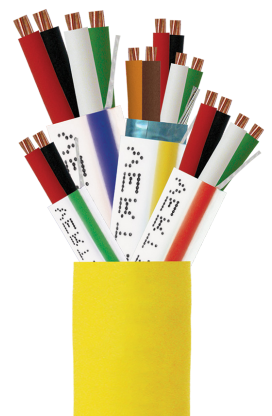
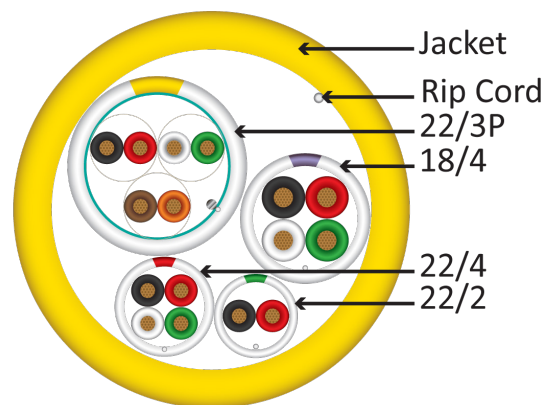
COMPONENT 2 (4 x 18-AWG)

Conductors:
Jacket Color:
Insulation Color Coding:
Insulation Material:
Insulation Thickness:
Insulation Outer Diameter:
Jacket Thickness:
Outer Diameter:
Jacket Material:

4 Conductors
White with Purple Stripe
Black, Red, White, Green
Flame Retardant Polyvinyl Chloride (FR-PVC)
0.0118 in. (0.30 mm)
0.0598 in. (1.52 mm)
0.0150 in. (0.38 mm)
0.1850 in. (4.70 mm)
Low Smoke Flame Retardant
Polyvinyl Chloride (FR-PVC)
LOCK POWER 18 AWG 4C

Jacket Marking:

CONTINUED ON NEXT PAGE...



VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York



verticalcable.com

Rev. 2/2024
Subject to change without notice.

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COMPONENT 3 (4 x 22-AWG)

| | |
|----------------------------|-------------------------------------------------------|
| Conductors: | 4 Conductors |
| Jacket Color: | White with Red Stripe |
| Insulation Color Coding: | Black, Red, White, Green |
| Insulation Material: | Low Smoke Flame Retardant Polyvinyl Chloride (FR-PVC) |
| Insulation Thickness: | 0.0075 in. (0.19 mm) |
| Insulation Outer Diameter: | 0.0433 in. (1.10 mm) |
| Jacket Thickness: | 0.0150 in. (0.38 mm) |
| Outer Diameter: | 0.1456 in. (3.70 mm) |
| Jacket Material: | Low Smoke Flame Retardant Polyvinyl Chloride (FR-PVC) |
| Jacket Marking: | REX SPARE 22AWG 4C |

COMPONENT 4 (2 x 22-AWG)

| | |
|----------------------------|-------------------------------------------------------|
| Conductors: | 2 Conductors |
| Jacket Color: | White with Green Stripe |
| Insulation Color Coding: | Black, Red |
| Insulation Material: | Polyvinyl Chloride (PVC) |
| Insulation Thickness: | 0.0075 in. (0.19 mm) |
| Insulation Outer Diameter: | 0.0433 in. (1.10 mm) |
| Jacket Thickness: | 0.0150 in. (0.38 mm) |
| Outer Diameter: | 0.1181 in. (3.00 mm) |
| Jacket Material: | Low Smoke Flame Retardant Polyvinyl Chloride (FR-PVC) |
| Jacket Marking: | DOOR CONTACT 22AWG 2C |

OVERALL JACKET

| | |
|--------------------|--------------------------------------------------------------------------------------------------------|
| Material: | Low Smoke Flame Retardant Polyvinyl Chloride (FR-PVC) |
| Outer Diameter: | 0.41 in. (10.50 mm) |
| Average Thickness: | 0.0228 in. (0.58 mm) |
| Marking: | ACCESS CONTROL CABLE E507553 CL3P (UL) 75°C 22/3P SHLD + 18/4 + 22/2C + 22/4C RoHS COMPLIANT XXXXFT |

ELECTRICAL

| | |
|-----------------|------------------------------------------------------------------------|
| Voltage Rating: | 300 V _{RMS} |
| DCR: | 18-AWG 6.66 Ω/1000 FT (21.9 Ω/km) 22-AWG 16.9 Ω/1000 FT (55.4 Ω/km) |

| | |
|--------------|--------------------------------------|
| Capacitance: | 18-AWG 770 pF/km 22-AWG 596 pF/km |
|--------------|--------------------------------------|

MECHANICAL

| | |
|--------------------------------|----------------|
| Before Tensile Strength (Mpa): | ≥13.8 |
| Aging Elongation (%): | ≥100 |
| Aging Condition (°Cxhrs): | 100x168 |
| After Tensile Strength (Mpa): | ≥85% of unaged |
| Aging Elongation (5): | ≥50% if unaged |
| Cold Bend (-20±2°Cx4hrs): | No Crack |

ENVIRONMENTAL

| | |
|------------------------|-----------------------------|
| Operating temperature: | -4 °F–167 °F (-20 °C–75 °C) |
|------------------------|-----------------------------|

WEIGHT

54.2 lb (24.6 kg)

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