

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:

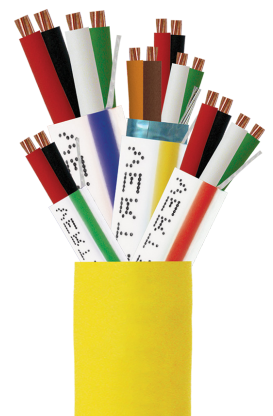
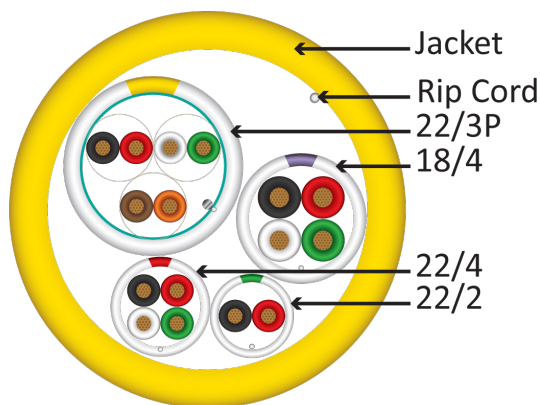
COMPONENT 2 (4 x 18-AWG)

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
713.322.7242 Texas



verticalcable.com

Rev. 4/2024
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
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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)
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WEIGHT

54.2 lb (24.6 kg)

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