



VERTICAL CABLE

Simply Connect.

DESCRIPTION

Access Control 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. 1000 ft.

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
- Available colors: Black, White & Yellow



VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York
713.322.7242 Texas

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

214-2300s SERIES

PART NUMBER:	DESCRIPTION:
214-2333/P/YL1K	22/3P Shielded + 18/4 + 22/4 + 22/2 Lighting Control Cable Plenum-Rated, 1000 ft, Yellow, Spool
214-2334/P/BK1K	22/3P Shielded + 18/4 + 22/4 + 22/2 Lighting Control Cable Plenum-Rated, 1000 ft, Black, Spool
214-2342/P/WH1K	22/3P Shielded + 18/4 + 22/4 + 22/2 Lighting Control Cable Plenum-Rated, 1000 ft, White, Spool

TRANSMISSION PERFORMANCE

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

CONSTRUCTION

Conductor Material: Stranded Bare Copper
Rip Cord: x5 (Nylon)

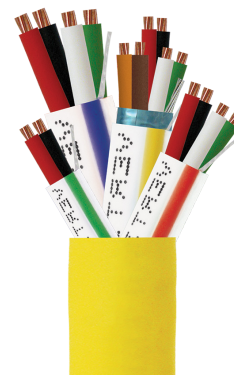
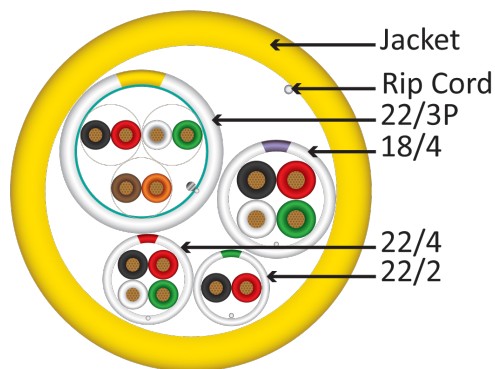
COMPONENT 1 (3P x 22-AWG)

Conductors: 3 Twisted Pairs / 6 Conductors
Insulation Thickness: 0.0075 in. (0.19 mm)
Insulation Outer Diameter: 0.0433 in. (1.10 mm)
Insulation Material: Flame Retardant Polyvinyl Chloride (FR-PVC)
Jacket Color: White with Yellow Stripe
Screen: Foiled
Drain Wire (Tinned Copper): 0.0157 in. (0.40 mm)
Insulation Color Coding: Pair 1: Black & Red
Pair 2: White & Green
Pair 3: Brown & Orange
Jacket Thickness: 0.0197 in. (0.38 mm)
Outer Diameter: 0.2125 in. (4.50 mm)
Jacket Material: Flame Retardant Polyvinyl Chloride (FR-PVC)
Jacket Marking: CARD READER 22AWG 3P

COMPONENT 2 (4 x 18-AWG)

Conductors: 4 Conductors
Jacket Color: White with Purple Stripe
Insulation Color Coding: Black, Red, White, Green
Insulation Material: Flame Retardant Polyvinyl Chloride (FR-PVC)
Insulation Thickness: 0.0118 in. (0.30 mm)

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

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Insulation Outer Diameter: 0.0598 in. (1.52 mm)
Jacket Thickness: 0.0150 in. (0.38 mm)
Outer Diameter: 0.1850 in. (4.70 mm)
Jacket Material: Low Smoke Flame Retardant Polyvinyl Chloride (FR-PVC)
Jacket Marking: LOCK POWER 18 AWG 4C

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 VRMS
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 ($^{\circ}\text{C} \times \text{hrs}$): 100x168
After Tensile Strength (Mpa): $\geq 85\%$ of unaged
Aging Elongation (5): $\geq 50\%$ if unaged
Cold Bend ($-20 \pm 2^{\circ}\text{C} \times 4\text{hrs}$): No Crack

ENVIRONMENTAL

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

WEIGHT

214-2333/P/YL1K: 109 lb (49 kg)

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