



VERTICAL CABLE

ACCESS CONTROL CABLE

PLENUM | CMP/CL3P RATED

214-2300s SERIES

DESCRIPTION

22/3P Shielded + 18/4 + 22/4 + 22/2
Lighting Control Cable Plenum-Rated

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 22AWG / 2 x 22-AWG Stranded Bare Copper Conductors
- 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
- Available Packaging:
500/1000 ft. Spool | 500 ft. Reel-in-Box
- Weights:
500 ft. Spools/Reel-in-Box: 54.2 lb. (24.6 kg)
1000 ft. Spool: 109 lb. (49 kg)



PART NUMBERS			
214-2329/P/WH	(500 FT)	(Wooden Spool)	○(White)
214-2330/P/YL	(500 FT)	(Wooden Spool)	●(Yellow)
214-2333/P/YL1K	(1000 FT)	(Wooden Spool)	●(Yellow)
214-2334/P/BK1K	(1000 FT)	(Wooden Spool)	●(Black)
214-2342/P/WH1K	(1000 FT)	(Wooden Spool)	○(White)
214-2331/PBX/YL	(500 FT)	(Reel-in-Box)	●(Yellow)

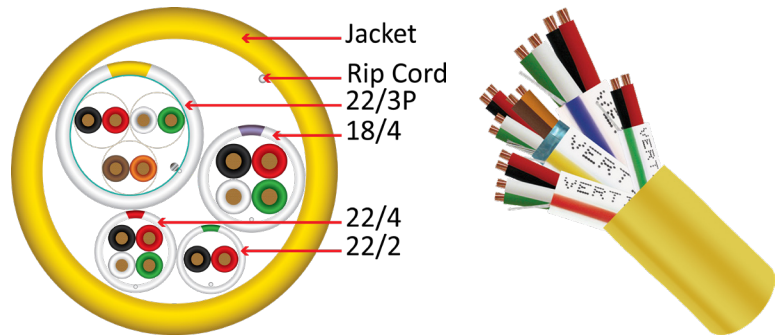
TRANSMISSION PERFORMANCE

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

CONSTRUCTION

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

CONTINUED ON NEXT PAGE ...



Florida (HQ)
800-749-2447

California
951-696-7772

New York
845-391-8318

Texas
713-322-7242

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COMPONENT 2 (4 × 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)
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

COMPONENT 3 (4 × 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 AGING**

Tensile Strength (MPa):	≥13.8 MPa
Aging Elongation (%):	≥100
Aging Condition (°Cxhrs):	100x168

AFTER AGING

Tensile Strength (MPa):	≥85% of unaged
Aging Elongation (%):	≥50% of unaged
Cold Bend (-20±2° Cx4hrs):	No Crack

ENVIRONMENTAL

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