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LoVoltage^{spec}

**454674AGR, 454674AGRL
454694AWH**

Electronic Wire and Cable

ACCESS CONTROL LOCK POWER CABLE

2 CONDUCTOR 14 or 16 AWG STRANDED



1.0 APPLICATION

1.1 This specification covers the requirements for primarily Lock Power Card Access Control Circuits. They may also be used for longer distance shielded communications circuits when necessary or desirable. These cables should primarily work with any kind of remote powered and signaled lock device. These cables are often used with **Kantech, Northern, HID, ADT, Honeywell, Software House**, and other systems.

2.0 SCOPE

2.1 These cables consist of 2 stranded bare copper conductors, 14 AWG or 16 AWG; with color-coded PVC insulation for non-plenum and low smoke PVC insulation for plenum. To complete construction, an overall PVC jacket is applied for non-plenum and low smoke PVC jacket is applied for plenum construction.

Jacket markings: PAIGE LoVo # ___ AWG 2/C (UL) TYPE ___ E191597. Temperature rating -20°C to 75°C. 300 volt UL type CL3R/FPLR or CMP/FPLP. UL Standards 13, 444 & 1424, NEC Articles 725, 760 & 800, UL 1666 Riser or UL 910 Plenum.

3.0 CONSTRUCTION

3.1 Conductor:

3.1.1 Material: Bare Copper

3.2 Insulation:

3.2.1 Color Code:

Pair 1 1-Black, 2-Red

3.3 Jacket:

3.5.1 Ripcord under jacket

3.5.2 Print: "PAIGE LoVo # ___ AWG 2/C OAS
UL TYPE CMP/FPLP E191597

3.6 Electrical Properties:

3.6.1 Temperature: -20°C to 75°C

3.6.2 Voltage: 300 Volt

4.0

PART NUMBER UL	AWG	COND	INSULATION WALL	JACKET			DC RESISTANCE OHMS/M' @ 20°C	CAPACITANCE	LENGTH	WEIGHT PER/M'
				WALL	NOM. OD	COLOR				
454674AGR CL3R/FPLR	14	19 x 26	.012"	.022"	.239"	Gray	2.52	33 pF/Ft	1000'	44 lbs
454674AGRL CL3R/FPLR	14	19 x 26	.012"	.022"	.239"	Gray	2.52	33 pF/Ft	500'	44 lbs
454694AWH CMP/FPLP	16	19 x 29	.007"	.015"	.170"	White	64.02	27 pF/Ft	1000'	26 lbs

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