



# Perimaguard™ Asset Protection Loop

## Cable Loop and Assembly with Plastic Enclosure

259011606

legacy part: 46GK1000

US Patent No. 9,640,051



### 1.0 Scope

1.1 This cable consists of 2 conductors 16 AWG stranded bare copper; color-coded Thermoplastic Elastomer insulation; overall pressure extruded Thermoplastic Elastomer jacket. 300V Flex Cord Cable

The female portion of the assembly has a 10 foot whip that is blunt cut on one end and overmolded with a IP67 rated overmolded connector in a plastic housing on the other end. The male portion of the assembly has the IP67 overmolded rated connectors housed in a plastic enclosure with the conductors shunted at the far end to create a circuit.

### 2.0 Construction

#### 2.1 Conductor

- 2.1.1 Material: Bare Copper
- 2.1.2 Size: 16 AWG
- 2.1.3 Construction: 26 Strands

#### 2.2 Insulation

- 2.2.1 Material: Thermoplastic Elastomer
- 2.2.2 Wall Thickness: .032"
- 2.2.3 Color Code: Black, White

#### 2.3 Core Assembly:

- 2.3.1 Lay Length: 2.00" LHL
- 2.3.2 Fillers: Fibrillated Polypropylene
- 2.3.3 Binder: Tissue Wrap – 100% Coverage

#### 2.4 Jacket

- 2.4.1 Material: Pressure Extruded Thermoplastic Elastomer
- 2.4.2 Convolution Level: 2
- 2.4.3 Wall Thickness: .032"
- 2.4.4 OD: Not to exceed .318" nom.
- 2.4.5 Color: Blue

#### 2.4.6 Markings:

Type: Cable permanently identified via surface inkjet print and print wheel for indent Inkjet Legend: PAIGE ASSET PROTECTION CABLE WWW.PAIGEDATACOM.COM - PATENT 9,640,051 Indent Stamp: PAIGE E206089 16AWG (1.31MM<sup>2</sup>) 2C (UL) SJEOOW OR SJTOOW (TPE) C(UL) 105'C 300V FT-2 WATER RESISTANT SUN RES P-07-KA1510018-MSHA "ROHS II COMPLIANT" MADE IN USA (Ascending/Descending footage markers)

### 2.5 Connectors

- 2.5.1 Material: Elastomeric (PVC Nitrl standard)
- 2.5.2 Contacts: Tinned Copper

### 2.6 Standards

- 2.6.1 UL Listed as Type SJEOOW per UL Standard 62 for flexible cords and fixture wire
- 2.6.2 UL approved for Sunlight, Oil and Weather Resistant & Water Resistant applications
- 2.6.3 All materials used in the manufacturing of this cable are RoHS II & REACH compliant
- 2.6.4 Operating Voltage: 300V RMS max.
- 2.6.5 IP67

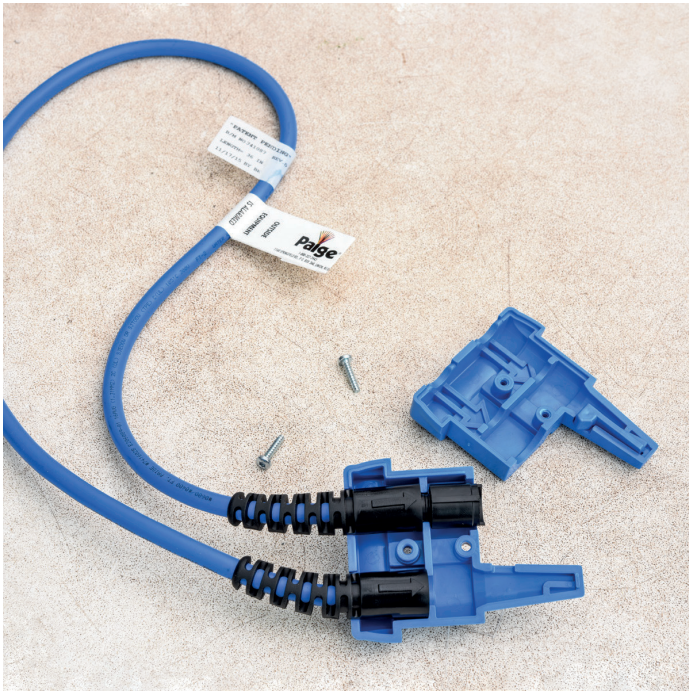
### 2.7 Temperature Rating

- 2.7.1 -40°C to +105°C (-40°F to +221°F)

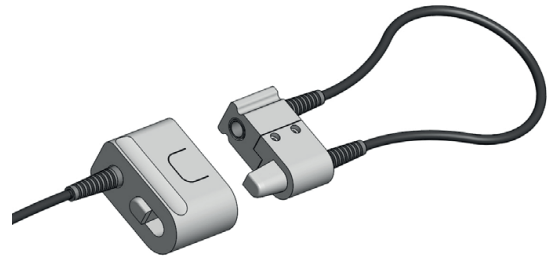
### 3.0 Weights and Dimensions

#### 3.1 Put Up

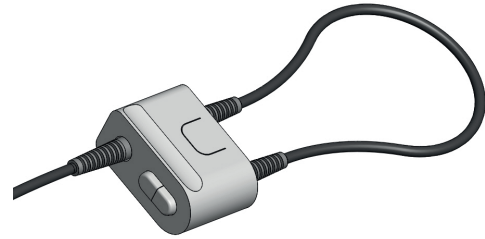
- 3.1.1 Length Whip: 10 ft.
- 3.1.2 Length Loop: 32 in.
- 3.1.2 Weight: 2.7 lbs



Use 5/64 hex head screw driver to open male assembly



Loop as open circuit



Loop as closed circuit

### Application

Perimanguard Asset Protection Loops are intended to help secure gates, loading docks, overhead doors and other assets that may otherwise be secured with a chain. These weatherproof cables can be used outdoors in tough weather conditions and the rugged plastic enclosure is designed to break apart without damaging the assembly.

### Connectors

The cable assembly comes with Sure-Seal® Connectors that are overmolded with a strain relief and embedded glow in the dark arrows for easier in low-light conditions.

### Alternate Constructions

Perimanguard Asset Protection Cables are also available in the following options:

- 259021607 - Perimanguard AP Cable 1-Pack
- 259031607 - Perimanguard AP Cable 5-Pack
- 259041607 - Perimanguard Wireless
- 259051604 - Perimanguard Wireless Cold Weather Kit (for use in freezing temperatures)

### Frequently Asked Questions

For install instructions and more information please visit:

[www.paigedatacom.com/custom-ap](http://www.paigedatacom.com/custom-ap)

### We want to hear from you!

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