

LOOP WIRE AND LEAD-IN CABLE

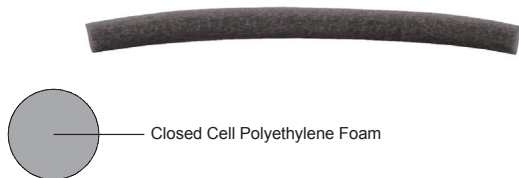


Overview

Reno A&E offers a complete range of loop wire and lead-in cable for use in virtually any application that requires fabricating an inductive loop. Wire insulation and cable jackets are constructed with the optimal thickness of Cross-linked Polyethylene (XLPE) necessary to ensure a long, trouble free life. XLPE insulation provides excellent thermal, electrical, and physical properties. It is recognized for its outstanding resistance to abrasion, moisture, and chemicals and will withstand temperatures up to 426° Fahrenheit (219° Celsius).

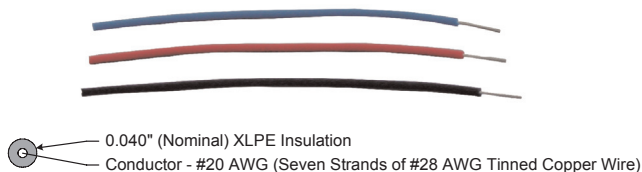
LOOP WIRE AND LEAD-IN CABLE SPECIFICATIONS

BR-250 Backer Rod



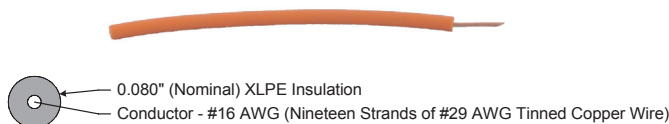
0.375" Nominal O.D. (for use in 1/8" or 1/4" saw slots)
Installed prior to sealing saw slots
Holds loop wires and lead-in wires securely in saw slots and keeps loop wires and lead-in wires from floating to the surface when sealant is applied
Use 1" to 2" long pieces spaced approximately 2 feet apart
Reno A&E p/n 390-0250-00

LW-120 Single Conductor Loop Wire



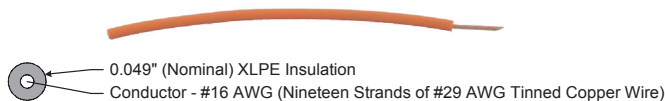
0.118" Nominal O.D. (for use in 1/8" saw slots)
For light traffic applications with stable road surfaces such as residential gates or loops cut in concrete floors
Available with Black, Red, or Blue insulation
Reno A&E p/n 381-2000-00 (Black), 381-2020-00 (Red), or 381-2060-00 (Blue)

LW-116 Single Conductor Loop Wire



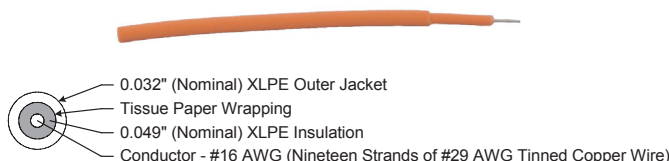
0.216" Nominal O.D. (for use in 1/4" saw slots)
For heavy traffic applications and industrial / commercial installations
Insulation color - Orange
Reno A&E p/n 381-1600-01

LW-116-P Single Conductor, Single Jacketed Loop Wire



0.156" Nominal O.D. (for use in 1/4" saw slots)
For heavy traffic applications and industrial / commercial installations
Insulation color - Orange
Reno A&E p/n 381-1603-00

LW-116-S Single Conductor, Double Jacketed Loop Wire



0.240" Nominal O.D. (for use in 1/4" saw slots)
For heavy traffic applications and industrial / commercial installations where additional insulation protection is needed
Insulation and outer jacket color - Orange
Reno A&E p/n 381-1601-01



Reno A&E

Transportation Control Products

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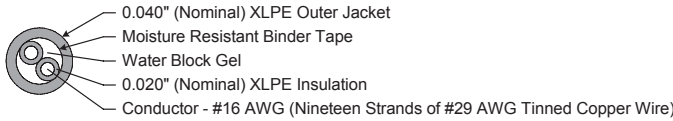
E-mail: sales@renoae.com • Website: www.renoae.com



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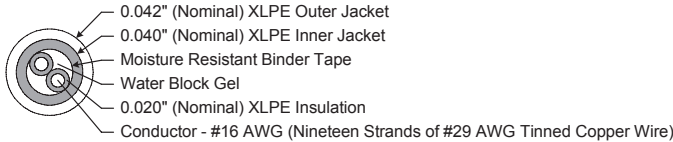
LOOP WIRE AND LEAD-IN CABLE SPECIFICATIONS (CONT.)

HR-216 Two Conductor Lead-in Cable



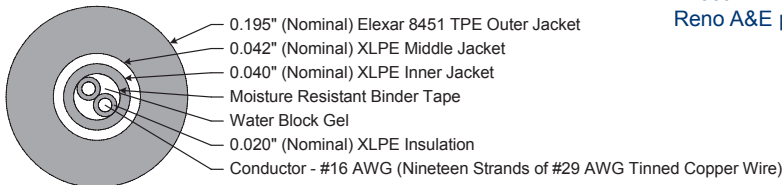
0.275" +/- 0.020" Nominal O.D. (for use in 3/8" saw slots)
Twisted pair lead-in cable for long lead-in runs
Outer jacket color - Orange
Conductor insulation colors - Black and White, twisted eight (8) times per foot
Reno A&E p/n 380-0002-01

LW-216-HD Two Conductor, Double Jacketed Lead-in Cable



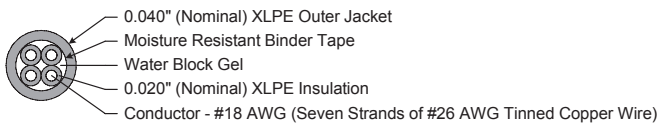
0.360" +/- 0.020" Nominal O.D. (for use in 3/8" saw slots)
Twisted pair lead-in cable for long lead-in runs where additional insulation protection is needed. Used in Reno A&E's Model PLH preformed loops
Inner and outer jacket color - Orange
Conductor insulation colors - Black and White, twisted eight (8) times per foot
Reno A&E p/n 380-0202-03

RR-216 Two Conductor, Triple Jacketed Lead-in Cable



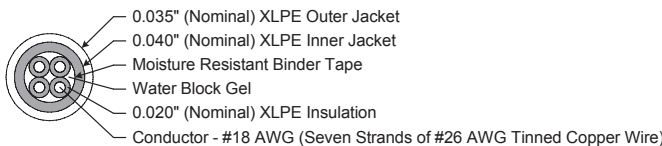
0.750" Nominal O.D. (suitable for direct burial)
Twisted pair lead-in cable for direct burial in gravel or other abrasive roadway bases. Used in Reno A&E's Model PLH-R preformed loops
Outer jacket color - Red
Inner and middle jacket color - Orange
Conductor insulation colors - Black and White, twisted eight (8) times per foot
Reno A&E p/n 380-0402-00

HR-418 Four Conductor Cable



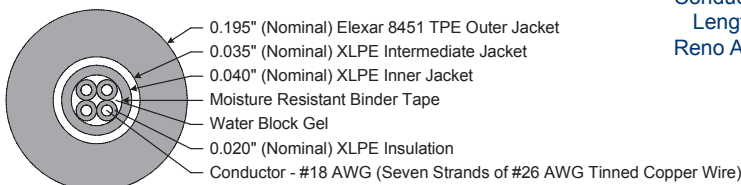
0.290" +/- 0.010" Nominal O.D. (for use in 3/8" saw slots)
Four conductor home run cable (also referred to as magnetometer wire or 138 cable)
Outer jacket color - Orange or black
Conductor insulation colors - Black, Red, White, and Green
Conductors are laid in a left hand direction, in the order listed above.
Length of lay is 3" maximum
Reno A&E p/n 380-0504-00 (Orange) or 380-0504-01 (Black)

LW-418 Four Conductor, Double Jacketed Cable



0.360" Nominal O.D. (for use in 3/8" saw slots)
Four conductor cable used in Reno A&E's Model PLH and Model PLC preformed loops
Inner and outer jacket color - Orange
Conductor insulation colors - Black, Red, White, and Green
Conductors are laid in a left hand direction, in the order listed above.
Length of lay is 3" maximum
Reno A&E p/n 380-0004-01

RR-418 Four Conductor, Triple Jacketed Cable



0.750" Nominal O.D. (suitable for direct burial)
Four conductor lead-in cable used in Reno A&E's Model PLH-R direct burial preformed loops
Outer jacket color - Red
Inner and middle jacket color - Orange
Conductor insulation colors - Black, Red, White, and Green
Conductors are laid in a left hand direction, in the order listed above.
Length of lay is 3" maximum
Reno A&E p/n 380-0404-00