

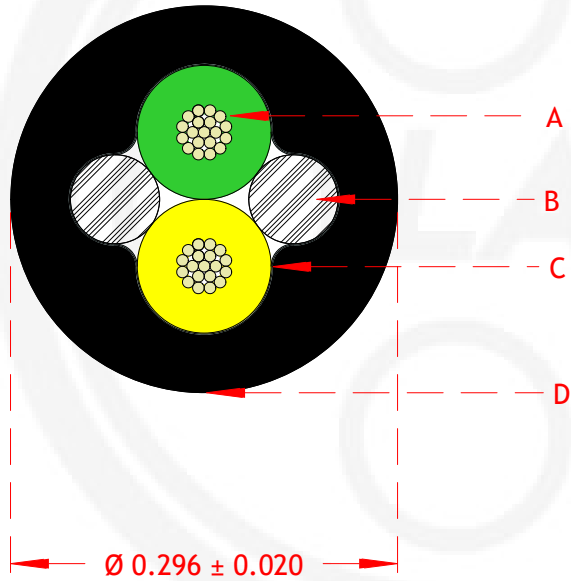
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Signature:

Date:

Company:

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A: 18 AWG 2 Conductors Bare Copper with XLPE Insulation

Size & Stranding: 18 AWG 19/0.0092  
Metal Type: Annealed Bare Copper  
Wire Nominal Diameter: 0.046

Insulation Type: Cross-Linked Polyethylene  
Nominal Insulation Thickness: 0.030  
Nominal Conductor Diameter: 0.106  
Color Code: Green, Yellow

Nominal Electrical Characteristics  
Impedance: 120  $\Omega$  per SAE J1939/11  
Capacitance: 13.0 pF/ft

B: Two Polyethylene Rod Fillers - Nominal Diameter: 0.070

C: Non-Woven Tissue Wrap - 100% Coverage with 25% Minimum Overlap

Nominal Lay Length: 1.50 Left Hand Lay

D: Black Thermoplastic Rubber Jacket

Nominal Wall Thickness: 0.040  
Tooling Type: Pressure Extruded  
Convolution Level: 3 or Better  
Operating Temperature: -40° C to 105° C  
Operating Voltage: 300V RMS  
Cable Exiting Diameter: 0.296  $\pm$  0.020

Legend: LAKE CABLE CNB201PR19ROD/TPR 18AWG 1PR 125° C CANBUS SAE J1939-15  
105° C TPE JACKET SUNLIGHT/OIL RESISTANT "ROHS COMPLIANT" MADE IN USA

Notes:

- \* Print Type: Inkjet
- \* Footage Markers: N/A
- \* Ripcord: N/A
- \* Weight: 39 Lb/Mft
- \* SAE J1939/15 125°C CANBUS for all twisted pairs
- \* Cable is suitable for Oil and Sunlight applications
- \* Cable is RoHS III compliant per Directive 2015/863/EU
- \* Cable is REACH compliant per Regulation (EC) No 1907/2006 Updated July, 7 2017
- \* Made in the USA



18 AWG 1PR SAE J1939-15 CAN-BUS UNS TPR JACKET 105° C

All Dimensions are Shown In Inches

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Third Angle Projection

Drawn By: JRV Scale: 8 : 1

Cust. #: - REV -

Reviewed By: - Sheet: 1 of 1

Lake's #: CNB181PR19ROD/TPR REV PD-1

Cage Code: N/A

Date Created: 05/23/19

Revision

Description

Approved By

Date

PD-1

PRELIMINARY DRAFT

RIR

05/23/19