

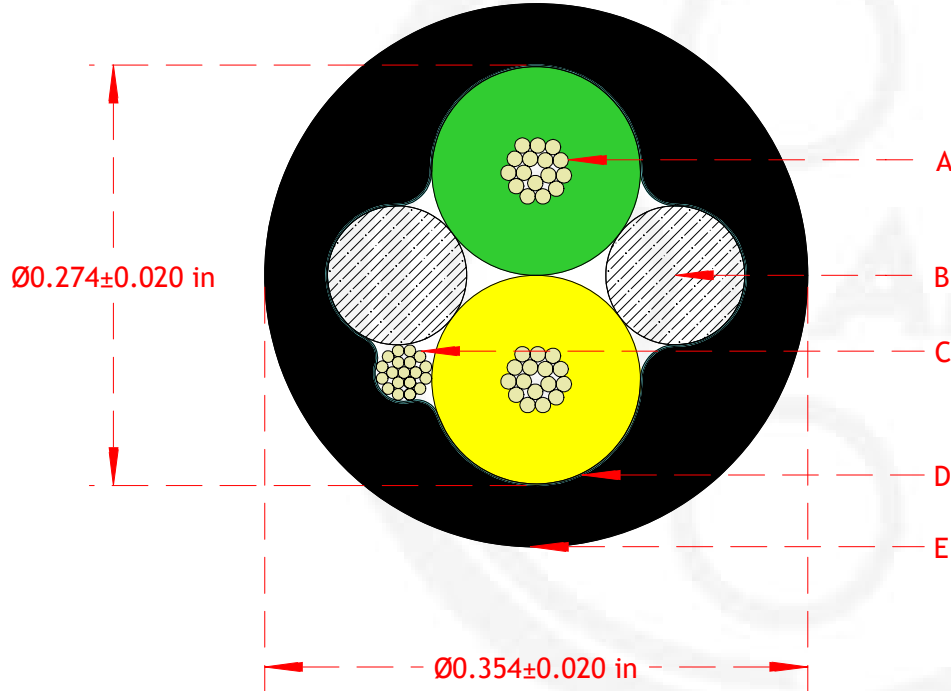
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Date:

Company:

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A: 18 AWG 2 Conductors Bare Copper with Foam XLPE Insulation

Size & Stranding: 18 AWG 16/30 Class K
Metal Type: Annealed Bare Copper
Wire Nominal Diameter: 0.046

Insulation Type: Foam Cross-Linked Polyethylene
Nominal Insulation Thickness: 0.045
Nominal Conductor Diameter: 0.136
Color Code: Green, Yellow

Nominal Electrical Characteristics
Impedance: 120 Ω per SAE J1939/11
Capacitance: 11.3 pF/ft

B: Two Polyethylene Rod Fillers - Nominal Diameter: 0.095

C: 20 AWG 19 Strands Bare Copper Drain Wire (Placed Under Aluminum/Mylar Shield)

D: Aluminum/Mylar - 100% Coverage with 25% Minimum Overlap (Aluminum Side Facing In)

Nominal Lay Length: 2.00 Left Hand Lay

E: Matte Black Thermoplastic Vulcanizate Jacket

Nominal Wall Thickness: 0.040
Tooling Type: Pressure Extruded
Convolution Level: 3 or Better
Operating Temperature: -40 °C to 125 °C
Operating Voltage: 300V RMS
Cable Exiting Diameter: 0.354 ± 0.020

Legend: LAKE CABLE CNB181PRS16ROD/TPR-IEWC 18AWG 1PR SHIELDED 125 °C CANBUS
SAE J1939-11 SUNLIGHT/OIL RESISTANT "ROHS II" MADE IN USA

Notes:

- * Print Type: Print Wheel with Silver or White Ink
- * Footage Markers: N/A
- * Ripcord: N/A
- * Weight: 53 Lb/Mft
- * SAE J1939/11 125°C CANBUS for all twisted pairs
- * Cable is suitable for Oil and Sunlight applications
- * All materials used in the manufacture of this cable are RoHS II and REACH compliant
- * Made in the USA



18 AWG 1PR SAE J1939-11 CAN-BUS OAS TPR JACKET 125 °C

All Dimensions are Shown In Inches

PROPRIETARY DOCUMENT

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Third Angle Projection

Drawn By: JRV Scale: 8 : 1

Cust. #: -

REV -

Reviewed By: BJH Sheet: 1 of 1

Lake's #: CNB181PRS16ROD/TPR-IEWC

REV A

Cage Code: N/A

Date Created: 11/09/17

Revision

Initial Release

Approved By

11/09/17

Description

Date