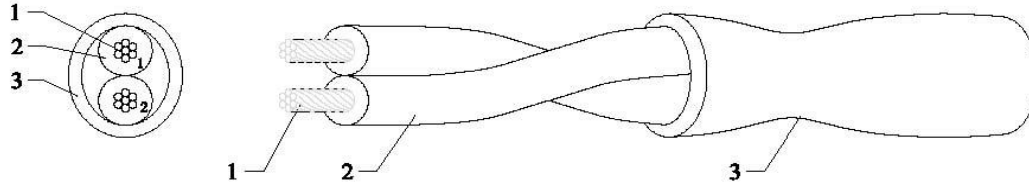


REV.	DESCRIPTION	DATE
5	Added min and max dimensions	4/7/2006
6	Changed cable and final dimensions	11/12/2013
7	Added Print Legend disclaimer and changed from RADXL to EXTRAD	6/23/2014
8	Updated tolerances	5/25/2016

General Composition of Cable



Color Code

1	Dark Green
2	Yellow
Jacket	Black

Physical Data

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor:	18 AWG 19/0.0092" Bare Copper	.045 +/- .002 1.14 +/- .5
2. Insulation:	EXRAD 150UT wall thickness: 24 mil [0.60 mm]	.092 +/- .003 2.34 +/- .7
Cabling:	(2) Primaries Lay Length: 1.25 - 1.5" Direction: Left	0.150 +/- .010 3.81 +/- .254
3. Jacket:	EXRAD 150FX wall thickness: 30 mil [0.76 mm]	.210 - .258 5.33 - 6.55

Diameter is measured on major axis
 Print Legend: CHAMPLAIN CABLE SAE J-1939/15-18 MULTIPLEX
 Note: The print legend for Champlain Cable's use only and is not a requirement of SAE J-1939

Electrical Data

Voltage Rating	60 volts
Impedance	120 +/- 12 Ohms @ 1MHz

General Data

Temperature Range:	-40 °C to + 150 °C
Designed to:	SAE J-1939/15 (Cable) SAE J1128
Bend Radius:	inches mm
	0.90 22.8



TITLE	
SAE J-1939/15 DATABUS CABLE 18 AWG 19/0.0092" Un-Shielded	

UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN. Scott Hood		DATE 11/21/2001
	CKD. Richard Antic		DATE 6/23/2014
	SIZE A	PART NUMBER 15-07272	DOCUMENT NUMBER 12063
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