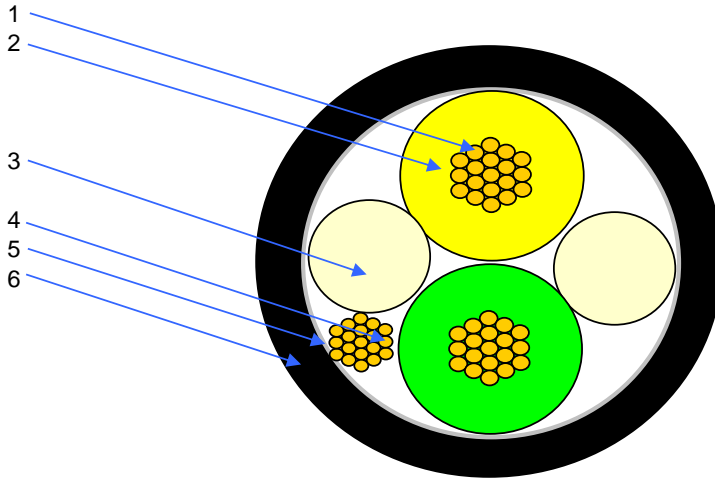


REV.	DESCRIPTION	DATE
0	Initial release.	4/14/2011
1	Changed drain wire from .5mm2 to 18 AWG	1/12/2012
2	Updated diameter	5/8/2018

General Composition of Cable



Color Code

1	Yellow
2	Green
Jacket	Black

Physical Data

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor:	18 19/.0092 BC	0.045 1.14
2. Insulation:	CEL-RAD wall thickness: 29 mil	0.107 2.72
3. Filler	Polyethylene	0.072 1.82
4. Drain Wire	18 19/.0092 Tinned copper	0.045 1.14
Cable	2 X 18 and Drain and Filler lay length 1.5" nominal	0.244 6.20
5. Shield	Aluminum Polypropylene 2 mil	0.250 6.35
6. Jacket:	EXRAD XLE wall thickness: 20 mil	0.290 7.37
Print Legend	Champlain Cable 1939/11-18 CAN-bus XXXXXX XXXXXX = Audit Sheet Number	

Electrical Data

Conductor Resistance:	6.78 ohms / kft
Impedance	120 +/- 12 Ohms

General Data

Use:	Commercial Vehicles and Heavy duty Equipment
Temperature Range:	-55° C to +125° C
Oil Resistance	90° C
Voltage Rating:	60 volts
Bend Radius:	inches mm
	1.3 34



TITLE	CAN-bus Cable Shielded 18 AWG EXRAD XLE	
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN.	Rick Antic	DATE	4/14/2011
	CKD.		DATE	
	SIZE	PART NUMBER	DOCUMENT NUMBER	
	A	23-00092	14102	

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