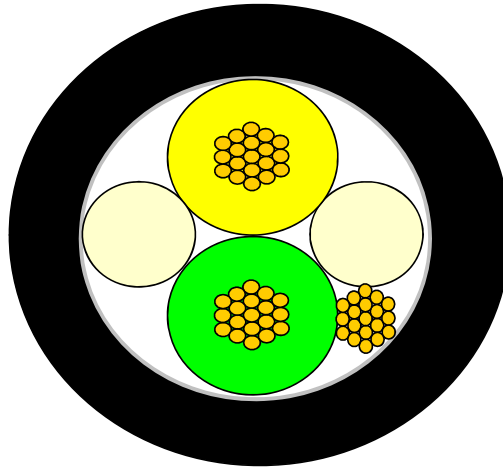


REV.	DESCRIPTION	DATE
0	Initial release.	4/23/2018
1	Add Part Number	6/12/2018

General Composition of Cable



Color Code


1	Yellow
2	Green
Jacket	Black

Physical Data

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor:	18 16/30 bare copper	0.045 1.14
2. Insulation:	EXRAD 125 Cellular 44 mil wall thickness	0.133 3.38
3. Filler	Foamed Polypropylene	0.085 2.16
4. Drain Wire	18 16/30 Tinned copper	0.045 1.14
Cable	2 X 18 and Drain and Filler lay length 1.5" nominal	0.266 6.76
5. Shield	Aluminum Polypropylene Foil In 1.5 mil	0.270 6.86
6. Jacket:	TPR Tube Extruded 71 mil wall thickness	0.411 10.45
Print Legend Champlain Cable 18 AWG 1939 XXXXX		
XXXXX = Audit Sheet Number		

Electrical Data	Conductor Resistance:	6.78 ohms / kft
	Impedance:	120 +/- 12 Ohms
	Capacitance	80 pf/meter nom.

General Data	Temperature Range:	-40° C to +125° C
	Voltage Rating:	60 volts
	Bend Radius:	inches mm
		2.1 52

	TITLE		CAN-bus Cable Shielded 18 AWG EXTRAD 125 Cellular/TPR	
	UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES		DRN.	DATE
DO NOT SCALE THIS DRAWING		Richard Antic	4/23/2018	
		CKD.	DATE	
		Sue Tatro	5/9/2018	
		SIZE PART NUMBER	DOCUMENT NUMBER	
		A 23-00095	17015	
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