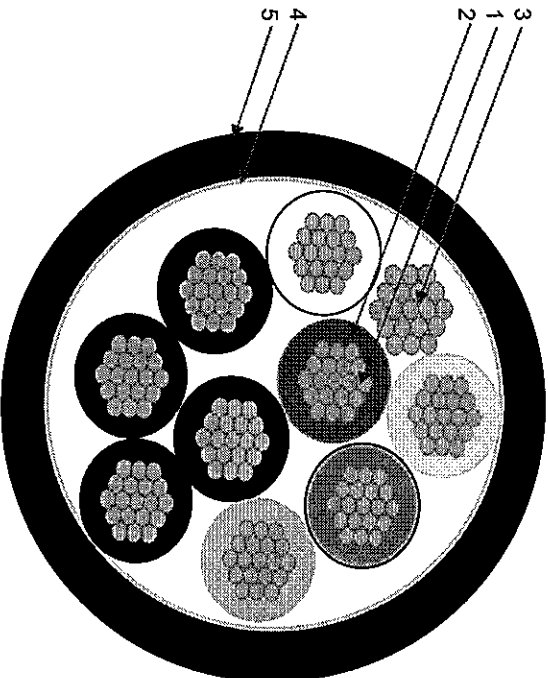


REV.	DESCRIPTION	DATE
0	Initial release.	3/15/2010
1	Change jacket thickness and foil shield application	5/18/2010
2	Change Drain wire, added flame resistance	7/12/2010

**General Composition of Cable**



Color Code	
1	Black
2	Brown
3	Red
4	Yellow
5	Orange
6	Green
7	Blue
8	Violet
9	White
Jacket	Black

**Physical Data**

Description	Dimensions (Nom.)
1. Conductor: 0.75mm <sup>2</sup> 24/.20mm Tinned Copper	inches 0.043 mm 1.09
2. Insulation: EXRAD 180 wall thickness: 9 mil	0.061 1.55
3. Drain 0.75mm <sup>2</sup> 24/.20mm Tinned Copper	0.043 1.09
Cabling: Primaries + fillers Lay Length: TBD Direction: Left	0.244 6.20
5. Shield 1.5 mil Aluminum Polypropylene pulled in longitudinally	0.249 6.33
6. Jacket: EXRAD XLE wall thickness: 31 mil	0.310 7.87
Print Legend: Champlain Cable 9 X 0.75mm <sup>2</sup> 13949 XXXXXX	.310 +/- .012
XXXXXX = Traveler Number	

**Electrical Data**

Conductor Resistance: 7.34 ohms / mft  
 Conductor CMA: 1488 nom.

**General Data**

Use: Hybrid and Electric Vehicles  
 Temperature Range: -55° C to +150° C  
 Maximum Oil Resistance: 60° C  
 Flame Resistance: Per SAE J1128 45 Degree Flame test  
 Voltage Rating: 60 Volts  
 Bend Radius: 3.10 inches 79 mm



UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES

DO NOT SCALE THIS DRAWING

TITLE	DRN.	DATE
High Flex Cable 9 Conductor - 0.75mm <sup>2</sup>	Rick Antic	3/15/2010
SIZE	PART NUMBER	DOCUMENT NUMBER
A	To Be Determined	13949

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