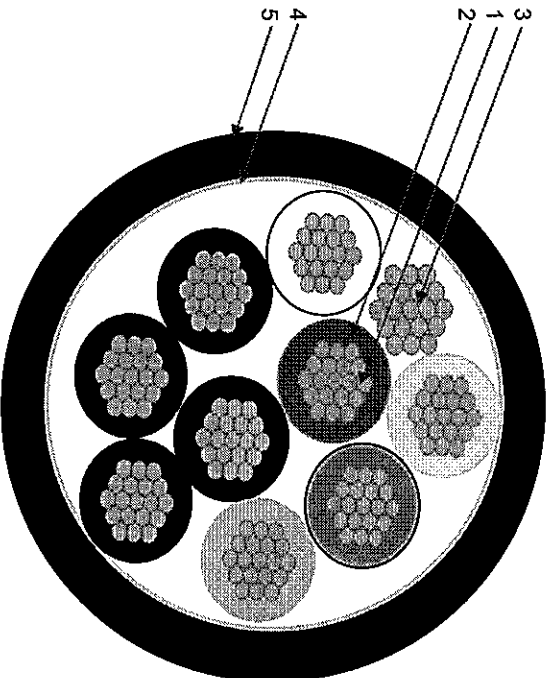


REV.	DESCRIPTION	DATE
0	Initial release.	3/15/2010
1	Change jacket thickness and foil shield application	5/18/2010
2	Change Drain wire, added flame resistance	7/12/2010

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 ² 24/.20mm Tinned Copper	inches 0.043 mm 1.09
2. Insulation: EXRAD 180 wall thickness: 9 mil	0.043 1.55
3. Drain 0.75mm ² 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	EXRAD XLE: wall thickness: 31 mil 0.249 6.33
6. Jacket: Champlain Cable 9 X 0.75mm ² 13949 XXXXXX	.310 +/- .012 7.87
Print Legend: 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



TITLE

High Flex Cable 9 Conductor - 0.75mm²

UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES	DRN.	DATE		
DO NOT SCALE THIS DRAWING	Rick Antic	3/15/2010		
	CD.	DATE		
	SIZE	PART NUMBER	DOCUMENT NUMBER	PAGE
	A	To Be Determined	13949	1 of 1

The information on this drawing is the proprietary property of Champlain Cable Corporation, and may not be used, reproduced or disclosed to others, in whole or in part, without written authorization.
 ETT-011 Owner: RF Business Unit Manager - Approved By: VP of Operations / 27 February 2004