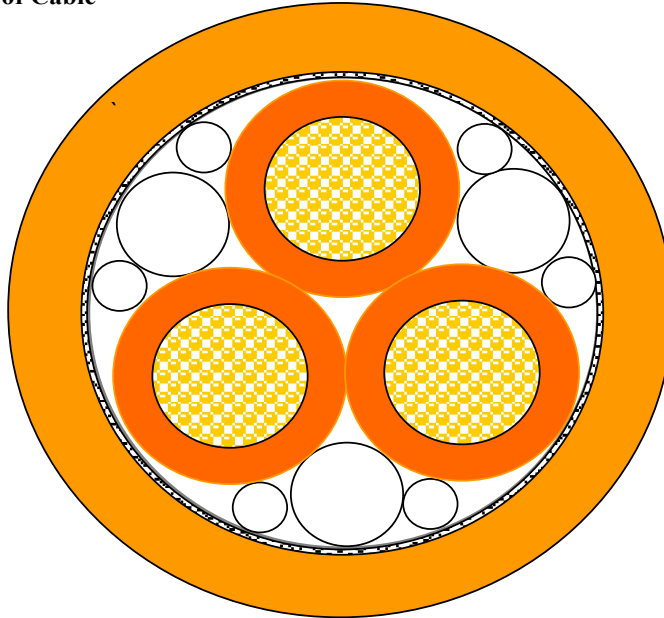


REV.	DESCRIPTION	DATE
0	Initial release.	3/13/2015

**General Composition of Cable**



Color Code	Print
1 Orange	One
2 Orange	Two
3 Orange	Three
Jacket Orange	

**Physical Data**

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor:	0.195	4.96
2. Insulation:	0.255	6.48
3. Filler:	as needed	
4. Cabling:	0.553	14.07
5. Barrier:	0.556	14.14
6. Shield:	0.584	14.85
7. Jacket:	0.694	17.7
Print Legend:	Champlain Cable 3 X 6 HVFX-XLE UV 15003 XXXXX XXXXX = Traveler Number	

**Electrical Data**

Conductor Resistance:	0.41 ohms / mft per phase
Conductor CMA:	26818 nom.
Voltage Rating	1000 volts per SAE J2840

**General Data**

Use:	Hybrid and Electric Vehicles
Temperature Range:	-40° C to +150° C
UV Resistance:	Passes UL 720 Hour Exposure to Xenon Light
Primary + Jacket Insulation:	Meets Requirements of ISO 6722 Class D 150°C
Maximum Oil Resistance:	60° C Per UL
Primary Wire Voltage Rating:	1000 Volts AC Max per SAE 1654.
Bend Radius:	5.6 inches      141 mm
Weight	442 pounds/kft nom.



TITLE	High Flex Cable (3) Conductor - 6 AWG	
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES  DO NOT SCALE THIS DRAWING	DRN.	Richard Antic	DATE	3/13/2015
	CKD.	N. Bacon	DATE	8/20/2015
	SIZE	PART NUMBER	DOCUMENT NUMBER	15003
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