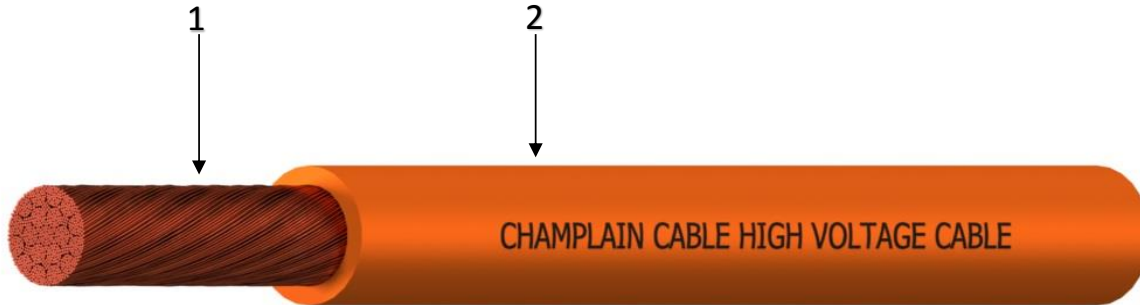


REV.	DESCRIPTION	DATE
0	Initial release.	3/25/2016

General Properties 120.0mm² 2442/0.25mm Bare Copper HVFX Thick Wall High Voltage Cable

Application Hybrid or Electric powered Vehicles

General Composition of Cable See Below



Color Code
Inner ORG

Physical Data

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor:	120.0mm ² 2442/0.25mm Bare Copper	0.600 15.24
2. Insulation:	EXRAD HVFX wall thickness: 65 mil	0.730 18.54
	OD Tolerance	+/- 0.015" +/- 0.3mm
Print Legend:	CHAMPLAIN CABLE 120.0mm ² BC HVFX HIGH VOLTAGE CABLE 15345 XXXXX (xxxxx-lot code)	


Electrical Data

Conductor Resistance: 0.16 ohms/km (0.049 ohms/kft) @20° C nominal
Voltage Rating: 1000 volts maximum per J1654

General Data

Use: High Voltage Power Cables for Electric or Hybrid Vehicles
Temperature Range: -55° C to +150° C
Primary Insulation: Meets Requirements of ISO 6722 Thick Wall, Class D
Weight: 862 lbs/mft

Min. Static Bend Radius: inches mm
2.9 74

 175 HERCULES DRIVE COLCHESTER, VT 05446 802-654-4200	TITLE	
	120.0mm ² 2442/0.25mm Bare Copper HVFX Thick Wall High Voltage Cable	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES	DRN.	DATE
	Michael Cienkus	3/25/2016
DO NOT SCALE THIS DRAWING	CKD.	DATE
	Nathan Bacon	3/28/2016
SIZE	PART NUMBER	DOCUMENT NUMBER
A	TBD	15345
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