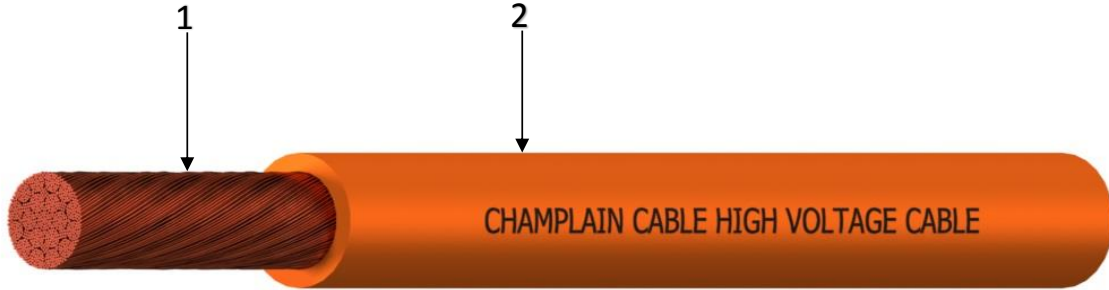


REV.	DESCRIPTION	DATE
0	Initial release.	3/25/2016

**General Properties** 25.0mm<sup>2</sup> 798/.20mm 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:	25.0mm <sup>2</sup> 798/.20mm Bare Copper	0.275 6.99
2. Insulation:	EXRAD HVFX wall thickness: 55 mil OD Tolerance	0.385 9.78 +/- 0.012" +/- 0.3mm
Print Legend:	CHAMPLAIN CABLE 25.0mm <sup>2</sup> BC HVFX HIGH VOLTAGE CABLE 15343 XXXXX (xxxxx-lot code)	

**Electrical Data**

Conductor Resistance: 0.741 ohms/km (0.226 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: 177 lbs/mft

Min. Static Bend Radius: inches mm  
1.5 39



175 HERCULES DRIVE  
COLCHESTER, VT 05446  
802-654-4200

TITLE	25.0mm <sup>2</sup> 798/.20mm Bare Copper HVFX Thick Wall High Voltage Cable	
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES	DRN.	Michael Cienkus	DATE	3/25/2016
	CKD.	Nathan Bacon	DATE	3/28/2016

DO NOT SCALE THIS DRAWING	SIZE	PART NUMBER	DOCUMENT NUMBER
	A	15-08222	15343

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