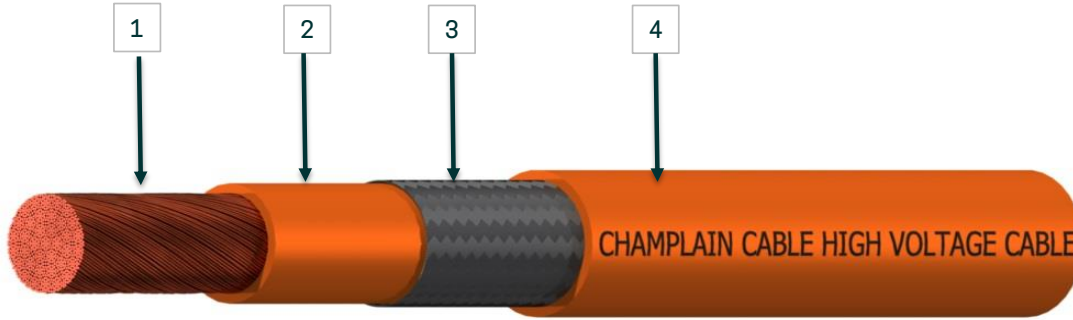


REV.	DESCRIPTION	DATE
0	Initial release.	12/16/2016

General Properties High voltage 8AWG 133/29 BC HVFX/XLE Shielded Cable

Application Hybrid or Electric powered Vehicles

General Composition of Cable See Below



Color Code

Inner	Orange
Outer Jacket	Orange

Physical Data


Description		Dimensions (Nom.)	
		inches	mm
1. Conductor:	8 AWG 133/29 Bare Copper	0.166	4.22
2. Insulation:	EXRAD HVFX wall thickness: 30 mil	0.226	5.74
3. Shield:	34 AWG Tinned Copper Braid, 95% coverage-Nominal	0.249	6.32
4. Jacket:	EXRAD XLE wall thickness: 30 mil	0.309	7.85
	OD Tolerance	+/- 0.020"	+/- 0.51mm

Electrical Data

Resistance: 0.628 ohms/kft 2.60 ohms/km @ 20°C nominal
Voltage Rating: 1,000 volts maximum per SAE J1654

General Data

Use: High Voltage Power Cables for Electric or Hybrid Vehicles
Temperature Range: -55° C to +150° C
Primary Insulation: Meets Performance Requirements of ISO 6722 Class D
Jacket Insulation: Meets Performance Requirements of ISO 6722, Section 5.13 150°C 3,000 Hours
Min. Static Bend Radius: inches mm
1.1 27

	TITLE		8 AWG 133/29 BC HVFX/XLE Shielded High Voltage Cable	
	UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES		Michael Cienkus	DATE
		Sue Tatro	DATE	12/16/2016
DO NOT SCALE THIS DRAWING		SIZE A	PART NUMBER 15-08295-XXX	DOCUMENT NUMBER 15870
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