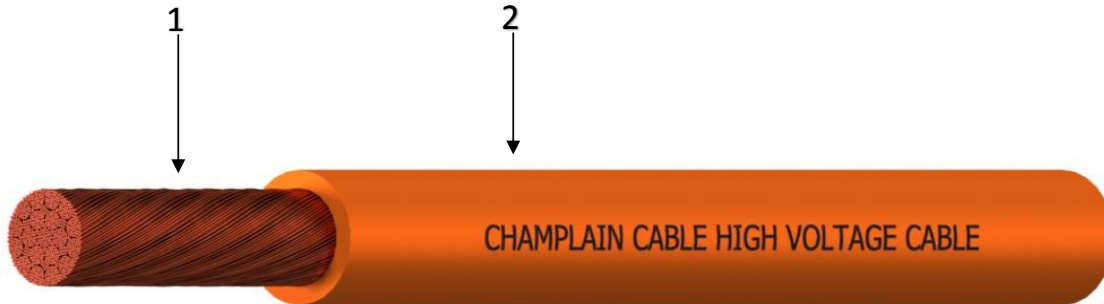


REV.	DESCRIPTION	DATE
0	Initial release.	3/25/2016

General Properties 50.0mm² 798/0.28mm 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:	0.390	9.91
2. Insulation:	0.500	12.70
	+/- 0.015"	+/- 0.3mm
Print Legend:	CHAMPLAIN CABLE 50.0mm ² BC HVFX HIGH VOLTAGE CABLE 15344 XXXXX (xxxxx-lot code)	

Electrical Data

Conductor Resistance: 0.356 ohms/km (0.109 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: 345 lbs/mft

Min. Static Bend Radius: inches mm
2.0 51



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

TITLE

50.0mm² 798/0.28mm Bare Copper HVFX Thick Wall
High Voltage Cable

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 A	PART NUMBER TBD	DOCUMENT NUMBER 15344

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