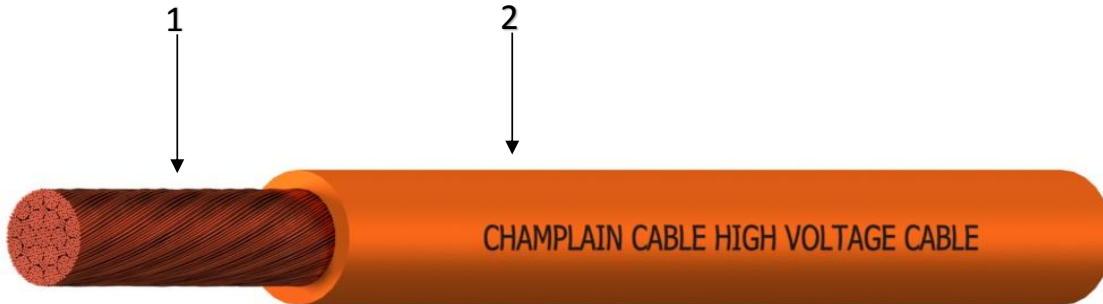


| REV. | DESCRIPTION | DATE |
|------|------------------|-----------|
| 0 | Initial release. | 3/25/2016 |

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: | 50.0mm ² 798/0.28mm Bare Copper | 0.390 | 9.91 |
| 2. Insulation: | EXRAD HVFX wall thickness: 55 mil | 0.500 | 12.70 |
| | OD Tolerance | +/- 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 | 50.0mm ² 798/0.28mm 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 | PART NUMBER | DOCUMENT NUMBER |
| | A | TBD | 15344 |

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