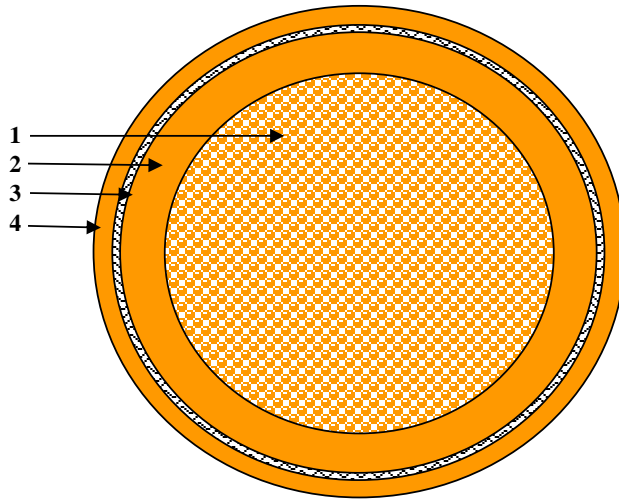


| REV.                                | DESCRIPTION   | DATE       |
|-------------------------------------|---|------------|
| 0                                   | Initial release.                                      | 3/12/2013  |
| 1                                   | added <D> to diameter tolerance                       | 11/16/2018 |
| <b>General Properties</b>           | High Voltage 3/0 EXTRAD FX Bare Copper Shielded Cable |            |
| <b>Application</b>                  | Hybrid or Electric Powered Vehicles                   |            |
| <b>General Composition of Cable</b> | See Below   |            |



**Color Code**

|                       |         |
|-----------------------|---------|
| Inner                 | Orange  |
| Outer Jacket Option 1 | Orange  |
| Outer Jacket Option 2 | Org/Blk |


| Physical Data  | Description                               | Dimensions (Nom.) |            |
|----------------|---|-------------------|------------|
|                |   | inches            | mm         |
| 1. Conductor:  | 3/0 1,615/30 bare copper                  | 0.475 +/- .015    | 12.07      |
| 2. Insulation: | EXRAD FX wall thickness: 55 mil           | 0.585             | 14.86      |
| 3. Shield      | 34 AWG tinned copper 90% minimum coverage | 0.613             | 15.57      |
| 4. Jacket      | EXRAD FX-UV wall thickness: 45 mil        | 0.703             | 17.86      |
|                | <D> Outside diameter tolerance            | +/- 0.015         | +/- 0.38mm |

**Electrical Data**

Conductor Resistance:: 0.070 ohms/kft 0.23 ohms/km @20° C nominal  
Voltage Rating 1,000 volts max AC , Tested to UL 758 Section 28 and per SAE 1654

**General Data**

Use: High Voltage Power Cables for Electric or Hybrid Vehicles  
Temperature Rating: ISO 6722 Class D 150°C  
Temperature Range: -70° C to +150° C 3,000+ Hours  
Primary Insulation Meets Requirements of ISO 6722 Class D 150°C  
Jacket Insulation Meets Requirements of ISO 6722 Class D 150°C  
UV Resistance Passes 1,500 Hour Exposure to Xenon Light  
Weight 652 pounds/kft  
Minimum Static Bend Radius: inches mm  
3.2 80

|   |                 |                      |                                 |             |
|---|-----------------|----------------------|---------------------------------|-------------|
| <br>175 HERCULES DRIVE<br>COLCHESTER, VT 05446<br>802-654-4200 | TITLE           |                      | 3/0 BC EXTRAD FX Shielded Cable |             |
|   | DRN. Rick Antic |                      | DATE 3/12/2013                  |             |
|   | CKD.            |                      | DATE                            |             |
|   | SIZE A          | PART NUMBER 15-07997 | DOCUMENT NUMBER 14449           |             |
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES   |                 |                      |                                 | PAGE 1 of 1 |
| DO NOT SCALE THIS DRAWING   |                 |                      |                                 |             |