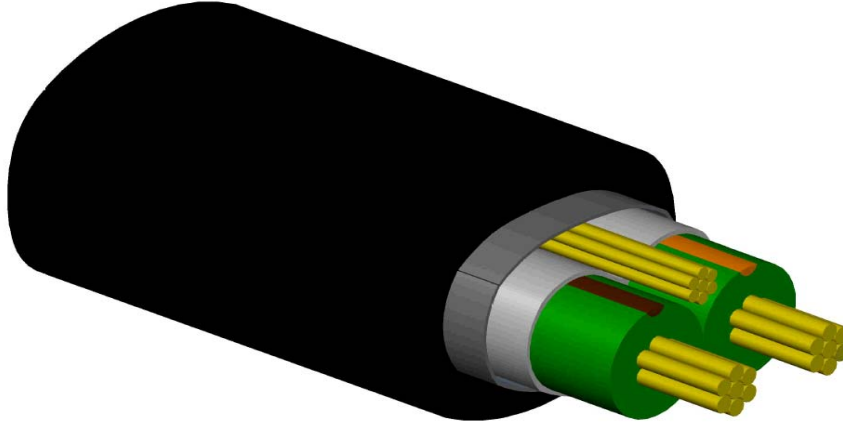


| REV. | DESCRIPTION      | DATE      |
|------|------------------|-----------|
| 0    | Initial release. | 3/24/2016 |

**General Composition of Cable**



**Color Code**

|        |                     |
|--------|---------------------|
| 1      | Dark Green / Brown  |
| 2      | Dark Green / Orange |
| Jacket | Natural             |

**Physical Data**

| Description                                 |  | Dimensions (Nom.)           |      |
|---|--|-----------------------------|------|
|   |  | inches                      | mm   |
| 1. Conductor:                               | 22 7/30 bare copper                                  | 0.030                       | 0.76 |
| 2. Insulation:                              | EXRAD 150UT wall thickness: 17 mil                   | 0.064                       | 1.63 |
| Cable:                                      | 2 X 22 AWG Lead Wires lay length 1" nominal          | 0.128                       | 3.25 |
| 3. Binder:                                  | Spirally wrapped .0015" polyester 20% min. overlap   | 0.131                       | 3.33 |
| 4. Drain Wire:                              | 22 7/30 Tinned copper                                | 0.030                       | 0.76 |
| 5. Shield:                                  | Aluminum Polyester, foil in 1.50 mil 20% min overlap | 0.134                       | 3.41 |
| 6. Jacket:                                  | PVC Lead and Cadmium free 22 mil                     | 0.178                       | 4.52 |
| Print Legend Champlain Cable-EXRAD BMC XXXX |  | XXXXXX = Audit Sheet Number |      |

**Electrical Data**

|                       |                            |
|-----------------------|----------------------------|
| Conductor Resistance: | 15.6 ohms / kft @20°C nom. |
| Impedance:            | 75 ohms nom.               |

**General Data**

|                    |                       |
|--------------------|-----------------------|
| Temperature Range: | -40° C to +105° C     |
| Oil Resistance:    | 60°C max.             |
| Voltage Rating:    | 600 volts             |
| Bend Radius:       | inches          mm    |
|                    | 1.2                32 |



|       |                                 |  |
|-------|---------------------------------|--|
| TITLE | Shielded 22 AWG EXRAD BMC 150UT |  |
|-------|---------------------------------|--|

|   |      |               |                 |           |
|---|------|---------------|-----------------|-----------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES | DRN. | Richard Antic | DATE            | 3/24/2016 |
|   | CKD. | Nathan Bacon  | DATE            | 3/24/2016 |
| DO NOT SCALE THIS DRAWING   | SIZE | PART NUMBER   | DOCUMENT NUMBER |           |
|   | A    | 18-00014-002  | 15391           |           |

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