

# nVent ERICO Ericore Underminated Conductor



## FEATURES

Low-inductance, low-impedance cable designed to minimize voltage build-up due to lightning impulses

Multiple insulated layers of conductor reduce the potential of side flashing

Requires upper and lower termination kits

## SPECIFICATIONS

Table 1/3

| Catalog Number     | Article Number | Length (L) | Length      | Capacitance |
|--------------------|----------------|------------|-------------|-------------|
| ERICORE/CUT/XLONG  |                | 201m       | 201 - 250 m | 0.75 nF     |
| ERICORE/CUT/SHORT  |                | 1m         | 1 - 25 m    | 0.75 nF     |
| ERICORE/CUT/MEDIUM |                | 26m        | 26 - 90 m   | 0.75 nF     |
| ERICORE/CUT/LONG   |                |            | 91 - 200 m  | 0.75 nF     |
| ERICORE            | 701875         | 1m         | 1 m         | 0.75 nF     |

Table 2/3

| Catalog Number | Article Number | Cross Section | Diameter (Ø) | Impedance | Inductance |
|----------------|----------------|---------------|--------------|-----------|------------|
|----------------|----------------|---------------|--------------|-----------|------------|

|                    |        |                   |       |          |      |
|--------------------|--------|-------------------|-------|----------|------|
| ERICORE/CUT/XLONG  |        | 50mm <sup>2</sup> |       | 12 Ω Max | 37nH |
| ERICORE/CUT/SHORT  |        | 50mm <sup>2</sup> |       | 12 Ω Max | 37nH |
| ERICORE/CUT/MEDIUM |        | 50mm <sup>2</sup> |       | 12 Ω Max | 37nH |
| ERICORE/CUT/LONG   |        | 50mm <sup>2</sup> |       | 12 Ω Max | 37nH |
| ERICORE            | 701875 | 50mm <sup>2</sup> | 36 mm | 12 Ω Max | 37nH |

Table 3/3

| Catalog Number     | Article Number | Resistance (Rdc) | Resistance (Rimp) | Unit Weight |
|--------------------|----------------|------------------|-------------------|-------------|
| ERICORE/CUT/XLONG  |                | 0.5mΩ·m          | 6mΩ·m             |             |
| ERICORE/CUT/SHORT  |                | 0.5mΩ·m          | 6mΩ·m             |             |
| ERICORE/CUT/MEDIUM |                | 0.5mΩ·m          | 6mΩ·m             |             |
| ERICORE/CUT/LONG   |                | 0.5mΩ·m          | 6mΩ·m             |             |
| ERICORE            | 701875         | 0.5mΩ·m          | 6mΩ·m             | 1.18 kg     |

## ADDITIONAL PRODUCT DETAILS

Consult nVent ERICO technical support or the installation manual for guidance on maximum allowable lengths.

Inductance and Capacitance are per meter.

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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