

# NVENT ERICO ERICORE TERMINATED 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

Upper termination provides an insulated connection from terminal to nVent ERICO Ericore to properly transition the lightning strike

Requires lower termination kit

## SPECIFICATIONS

Table 1/2

| Catalog Number | Length (L) | Capacitance | Diameter (Ø) | Impedance | Inductance | Resistance (Rdc) |
|----------------|------------|-------------|--------------|-----------|------------|------------------|
| ERICORE010T    | 10 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE012T    | 12 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE015T    | 15 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE018T    | 18 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE020T    | 20 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE025T    | 25 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE030T    | 30 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE035T    | 35 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE040T    | 40 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE045T    | 45 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE050T    | 50 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE055T    | 55 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |

| Catalog Number | Length (L) | Capacitance | Diameter (Ø) | Impedance | Inductance | Resistance (Rdc) |
|----------------|------------|-------------|--------------|-----------|------------|------------------|
| ERICORE060T    | 60 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE065T    | 65 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE067T    | 67 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE070T    | 70 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE075T    | 75 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE080T    | 80 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE085T    | 85 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |
| ERICORE087T    | 87 m       | 0.75 nF     | 36 mm        | 12 Ω Max  | 37nH       | 0.5mΩ·m          |

| Table 2/2      |                   |                                     |             |
|----------------|-------------------|-------------------------------------|-------------|
| Catalog Number | Resistance (Rimp) | Upper Termination Voltage Withstand | Unit Weight |
| ERICORE010T    | 6mΩ·m             | 250kV                               | 13.54 kg    |
| ERICORE012T    | 6mΩ·m             | 250kV                               | 15.9 kg     |
| ERICORE015T    | 6mΩ·m             | 250kV                               | 19.44 kg    |
| ERICORE018T    | 6mΩ·m             | 250kV                               | 22.98 kg    |
| ERICORE020T    | 6mΩ·m             | 250kV                               | 25.34 kg    |
| ERICORE025T    | 6mΩ·m             | 250kV                               | 31.24 kg    |
| ERICORE030T    | 6mΩ·m             | 250kV                               | 37.14 kg    |
| ERICORE035T    | 6mΩ·m             | 250kV                               | 43.04 kg    |
| ERICORE040T    | 6mΩ·m             | 250kV                               | 48.94 kg    |
| ERICORE045T    | 6mΩ·m             | 250kV                               | 54.84 kg    |
| ERICORE050T    | 6mΩ·m             | 250kV                               | 60.74 kg    |
| ERICORE055T    | 6mΩ·m             | 250kV                               | 66.64 kg    |
| ERICORE060T    | 6mΩ·m             | 250kV                               | 72.54 kg    |
| ERICORE065T    | 6mΩ·m             | 250kV                               | 78.44 kg    |
| ERICORE067T    | 6mΩ·m             | 250kV                               | 80.8 kg     |
| ERICORE070T    | 6mΩ·m             | 250kV                               | 84.34 kg    |
| ERICORE075T    | 6mΩ·m             | 250kV                               | 90.24 kg    |
| ERICORE080T    | 6mΩ·m             | 250kV                               | 96.14 kg    |
| ERICORE085T    | 6mΩ·m             | 250kV                               | 102.04 kg   |
| ERICORE087T    | 6mΩ·m             | 250kV                               | 104.4 kg    |

ADDITIONAL PRODUCT DETAILS

Additional lengths available in 1 m (3.28') increments.

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.

North America

+1.800.753.9221  
Option 1 – Customer Care  
Option 2 – Technical Support

Europe

Netherlands:  
+31 800-0200135  
France:  
+33 800 901 793

Europe

Germany:  
800 1890272  
Other Countries:  
+31 13 5835404

APAC

Shanghai:  
+ 86 21 2412 1618/19  
Sydney:  
+61 2 9751 8500



Our powerful portfolio of brands:  
**nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF**  
**TRACER**