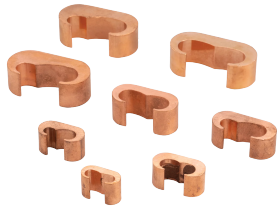


# nVent ERICO PermaGround Compression Connector, E-Crimps



The nVent ERICO PermaGround Compression Connector, E-Crimps are robust, high-conductivity copper connectors engineered for creating secure, low-resistance grounding connections, particularly for larger conductors. Designed for use with a compression tool, these E-Crimps reliably join two wire conductors within a grounding system. The integrated oxide inhibitor creates an airtight seal, preventing corrosion and ensuring long-term performance. Clear markings for conductor size and die index, coupled with all-weather durability, make them ideal for diverse applications, including direct burial and ground grid installations

## FEATURES

High-conductivity, corrosion-resistant connection copper alloy construction with prefilled oxide inhibitor ensures lasting, reliable grounding

Robust design ideal for ground grid applications and demanding grounding needs

Suitable for direct burial, ensuring reliable performance in any environment

Clear conductor size and die index markings simplify installation

Range Taking flexibility in application and reducing inventory

## SPECIFICATIONS

Table 1/2

| Catalog Number | Material | Conductor Type  | Main/Run Conductor Range | Tap Conductor Range     | Connection Type        | Number of Crimps |
|----------------|----------|-----------------|--------------------------|-------------------------|------------------------|------------------|
| ELT-4-MM       | Copper   | Stranded        | 70 - 50 mm <sup>2</sup>  | 35 - 16 mm <sup>2</sup> | Conductor to Conductor | 1                |
| ELT-2-MM       | Copper   | Stranded        | 70 - 50 mm <sup>2</sup>  | 70 - 50 mm <sup>2</sup> | Conductor to Conductor | 1                |
| ELT-1-MM       | Copper   | Solid, Stranded | 35 - 16 mm <sup>2</sup>  | 35 - 16 mm <sup>2</sup> | Conductor to Conductor | 1                |
| ELT-5-MM       | Copper   | Stranded        | 120 - 95 mm <sup>2</sup> | 70 - 16 mm <sup>2</sup> | Conductor to Conductor | 1                |

| CatalogNumber | Material | ConductorType | Main/Run Conductor Range  | Tap Conductor Range       | Connection Type        | Number of Crimps |
|---------------|----------|---------------|---------------------------|---------------------------|------------------------|------------------|
| ELT-3-MM      | Copper   | Stranded      | 120 - 95 mm <sup>2</sup>  | 120 - 95 mm <sup>2</sup>  | Conductor to Conductor | 1                |
| ELT-8-MM      | Copper   | Stranded      | 240 - 150 mm <sup>2</sup> | 240 - 150 mm <sup>2</sup> | Conductor to Conductor | 2                |
| ELT-6-MM      | Copper   | Stranded      | 240 - 150 mm <sup>2</sup> | 120 - 95 mm <sup>2</sup>  | Conductor to Conductor | 2                |
| ELT-7-MM      | Copper   | Stranded      | 240 - 150 mm <sup>2</sup> | 70 - 16 mm <sup>2</sup>   | Conductor to Conductor | 2                |

Table 2/2

| Catalog Number | Die Index | Length (L) | Width (W) | Height (H) | Unit Weight | Direct Burial |
|----------------|-----------|------------|-----------|------------|-------------|---------------|
| ELT-4-MM       | O         | 35.84mm    | 18.08 mm  | 19.05 mm   | 0.06 kg     | Yes           |
| ELT-2-MM       | O         | 38.91mm    | 19.05 mm  | 19.05 mm   | 0.06 kg     | Yes           |
| ELT-1-MM       | C         | 29.72mm    | 14.73 mm  | 19.05 mm   | 0.4 kg      | Yes           |
| ELT-5-MM       | 997       | 49.99mm    | 23.42 mm  | 19.05 mm   | 0.1 kg      | Yes           |
| ELT-3-MM       | 997       | 52.4mm     | 23.77 mm  | 21.82 mm   | 0.11 kg     | Yes           |
| ELT-8-MM       | 1011      | 71.57mm    | 33.74 mm  | 22.23 mm   | 0.22 kg     | Yes           |
| ELT-6-MM       | 1011      | 67.87mm    | 33.71 mm  | 22.23 mm   | 0.23 kg     | Yes           |
| ELT-7-MM       | 1011      | 67.87mm    | 33.66 mm  | 22.23 mm   | 0.23 kg     | Yes           |

## 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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