

# nVent ERICO PermaGround Compression Connector, Figure 8-Crimp



The nVent ERICO PermaGround Compression Connector, Figure 8 Crimp, is designed for direct burial to ensure long-lasting and reliable connections. This connector is manufactured from high-strength copper alloy, prefilled with DE-OX oxide inhibitor compound. It is marked with wire size and die index, providing easy identification and tooling recommendations. This product is ideal for applications requiring maximum conductivity and corrosion resistance, making it a dependable choice for various grounding and bonding needs.

## CERTIFICATIONS



## FEATURES

Range taking and manufactured from high-strength copper alloy

Marked with wire size and die index for easy identification and tooling recommendations

Provides maximum conductivity and eliminates the possibility of corrosion

Safeguards against oxides from forming

## SPECIFICATIONS

Table 1/2

Catalog Number	Material	Conductor Type	Main/Run Conductor Range	Tap Conductor Range	Connection Type	Number of Crimps
RLT-2	Copper	Solid, Stranded	2/0 - 2 AWG	2/0 - 2 AWG	Conductor to Conductor, Conductor to Ground Rod	1

CatalogNumber	Material	ConductorType	Main/Run Conductor Range	Tap Conductor Range	Connection Type	Number of Crimps
RLT-5	Copper	Solid, Stranded	250 kcmil - 4/0	250 kmcil - 4/0	Conductor to Conductor, Conductor to Ground Rod	1
RLT-8-TN	Tinned Copper	Solid, Stranded	500 - 300 kcmil	500 - 300 kcmil	Conductor to Conductor, Conductor to Ground Rod	1
RLT-8	Copper	Solid, Stranded	500 - 300 kcmil	500 - 300 kcmil	Conductor to Conductor, Conductor to Ground Rod	1
RLT-3	Copper	Solid, Stranded	2/0 - 2 AWG	2/0 - 2 AWG	Conductor to Conductor, Conductor to Ground Rod	1
RLT-7-TN	Tinned Copper	Solid, Stranded	250 kcmil - 4/0	250 kmcil - 4/0	Conductor to Conductor, Conductor to Ground Rod	1
RLT-7	Copper	Solid, Stranded	250 kcmil - 4/0	250 kmcil - 4/0	Conductor to Conductor, Conductor to Ground Rod	1
RLT-4-TN	Tinned Copper	Solid, Stranded	2/0 - 2 AWG	2/0 - 2 AWG	Conductor to Conductor, Conductor to Ground Rod	1
RLT-6	Copper	Solid, Stranded	250 kcmil - 4/0	250 kmcil - 4/0	Conductor to Conductor, Conductor to Ground Rod	1
RLT-4	Copper	Solid, Stranded	2/0 - 2 AWG	2/0 - 2 AWG	Conductor to Conductor, Conductor to Ground Rod	1
RLT-9-TN	Tinned Copper	Solid, Stranded	500 - 300 kcmil	500 - 300 kcmil	Conductor to Conductor, Conductor to Ground Rod	1
RLT-13	Copper	Solid, Stranded	2 Solid	2 Solid	Conductor to Conductor, Conductor to Ground Rod	1

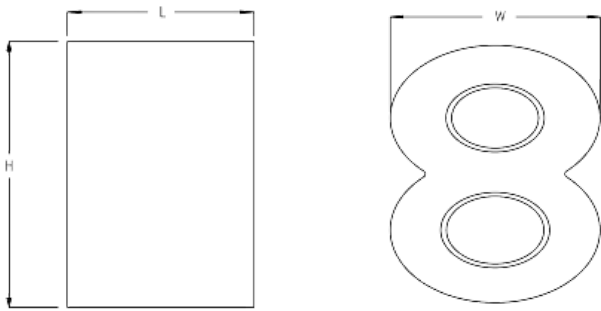
CatalogNumber	Material	ConductorType	Main/Run Conductor Range	Tap Conductor Range	Connection Type	Number of Crimps
RLT-9	Copper	Solid, Stranded	500 - 300 kcmil	500 - 300 kcmil	Conductor to Conductor, Conductor to Ground Rod	1
RLT-10	Copper	Solid, Stranded	2/0 - 2 AWG	2/0 - 2 AWG	Conductor to Conductor, Conductor to Ground Rod	1
RLT-12	Copper	Solid, Stranded	500 - 300 kcmil	500 - 300 kcmil	Conductor to Conductor, Conductor to Ground Rod	1
RLT-11	Copper	Solid, Stranded	250 kcmil - 4/0	250 kcmil - 4/0	Conductor to Conductor, Conductor to Ground Rod	1

Table 2/2

Catalog Number	Die Index	Length (L)	Width (W)	Height (H)	Unit Weight	Direct Burial
RLT-2	998/1011	1.093"	0.875"	1.937"	0.36 lb	Yes
RLT-5	998/1011	1.093"	0.875"	1.937"	0.36 lb	Yes
RLT-8-TN	998/1011	1.234"	0.875"	2.142"	0.36 lb	Yes
RLT-8	998/1011	1.234"	0.875"	2.142"	0.38 lb	Yes
RLT-3	998/1011	0.875"	1.234"	1.972"	0.4 lb	Yes
RLT-7-TN	998/1011	1.344"	0.875"	2.191"	0.41 lb	Yes
RLT-7	998/1011	1.344"	0.875"	2.191"	0.42 lb	Yes
RLT-4-TN	998/1011	1.344"	0.875"	2.191"	0.45 lb	Yes
RLT-6	998/1011	1.234"	0.875"	2.142"	0.45 lb	Yes
RLT-4	998/1011	1.344"	0.875"	2.191"	0.46 lb	Yes

CatalogNumber	Die Index	Length (L)	Width (W)	Height (H)	Unit Weight	Direct Burial
RLT-9-TN	998/1011	1.344"	0.875"	2.432"	0.47 lb	Yes
RLT-13	998/1011	1.344"	0.875"	2.191"	0.48 lb	Yes
RLT-9	998/1011	2.432"	0.875"	1.344"	0.48 lb	Yes
RLT-10	998/1011	1.6"	0.88"	2.442"	0.53 lb	Yes
RLT-12	998/1011	1.6"	0.875"	2.697"	0.55 lb	Yes
RLT-11	998/1011	1.6"	0.875"	2.575"	0.59 lb	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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