

Bare and Tinned Copper Grounding Wire

Made in the USA

Stranded BC and TC Ground Wire

Applications/Scope:

This specification covers uninsulated bare and tin-plated concentric lay stranded ground wires made from round copper wires of hard, medium-hard, soft or annealed temper. These ground wires are suitable for grounding applications both indoors and outdoors.

Construction Details:

Number of Conductors: 1/C

Conductor Material: Stranded Bare Copper, or Stranded Tinned Copper - See Table on Page 2

Stranded ground wires shall be constructed with a central core surrounded by one or more layers of helically laid wires.

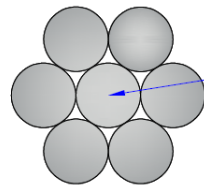
See Table on Page 2 for construction details by size.

Electricals:

DC Resistance: See Table, Page 2

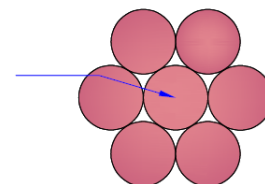
Options:

Ground Wire Hardness: Standard Hardness is Soft (Annealed) for Bare and Tinned. Other Hardnesses, such as Hard or Medium - Hard) are available with MOQ



7-Strand Tinned Copper Ground Wire

7-Strand Bare Copper Ground Wire



Representative 7-Strand Drawing

Technical Details:

Weight	See Table on Page 2
Diameter	See Table on Page 2

Standards:

- ASTM B 1 – Specification for Hard-Drawn Copper Wire (Optional with MOQ)
- ASTM B 2 – Specification for Medium-Hard-Drawn Copper Wire (Optional with MOQ)
- ASTM B 3 – Specification for Soft or Annealed Copper Wire (Standard)
- ASTM B 8 – Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard or Soft (Standard)
- ASTM B 33 – Specification for Tinned Soft or Annealed Copper Wire (Standard for Tinned Copper)



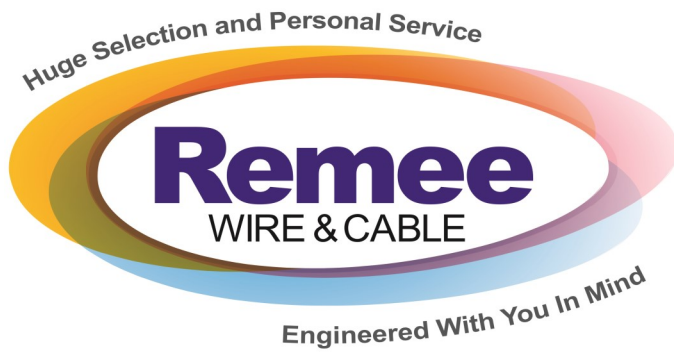
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Issue Date: 10/24
Revision: 14

All warranty information can be viewed at WWW.REMEE.COM.

This product is RoHS compliant to directive 2002/95/EC .

1751 State RTE. 17A STE #1 Florida, NY 10921
Customer Service: 800-431-3864 Fax: 845-651-4160 Website: www.remee.com



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Remeë Part Number*	Size AWG	Size mm ²	Number of Strands	Individual Strand OD Nominal, (in.)	Ground Wire OD Nominal, (in.)	Ground Wire Approximate Weight (Lbs/Kft)	Bare Copper DCR, Nom., @ 20°C (Ω/KFT)	Tinned Copper DCR, Nom., @ 20°C (Ω/KFT)
RM-CU00147XC	14	2.1	7	0.024	0.070	13	2.62	2.71
RM-CU00127XC	12	3.3	7	0.031	0.096	21	1.65	1.70
RM-CU00107XC	10	5.3	7	0.039	0.120	33	1.04	1.08
RM-CU00087XC	8	8.4	7	0.049	0.146	51	0.639	0.679
RM-CU00067XC	6	13.3	7	0.061	0.184	81	0.403	0.427
RM-CU00047XC	4	21.2	7	0.077	0.232	129	0.253	0.269
RM-CU00037XC	3	26.7	7	0.087	0.260	163	0.205	0.213
RM-CU00027XC	2	33.6	7	0.097	0.292	205	0.159	0.169
RM-CU00017XC	1	42.4	7	0.109	0.328	259	0.126	0.134
RM-CU01_07XC	1/0	53.5	7	0.123	0.368	326	0.100	0.106
RM-CU01_019XC	1/0	53.5	19	0.074	0.373	326	0.100	0.106
RM-CU02_07XC	2/0	67.4	7	0.138	0.419	411	0.0794	0.0843
RM-CU02_019XC	2/0	67.4	19	0.084	0.419	411	0.0794	0.0843
RM-CU03_019XC	3/0	85.0	19	0.094	0.470	518	0.0629	0.0668
RM-CU04_07XC	4/0	107	7	0.174	0.519	653	0.0500	0.0524
RM-CU04_019XC	4/0	107	19	0.106	0.522	653	0.0500	0.0524

* Where X denotes either Bare Copper (B), or Tinned Copper (T)

Note 1: Standard Bare Copper Ground Wire uses Soft or Annealed Copper (ASTM B-3 and ASTM B-8)

Note 2: Standard Tinned Copper Ground Wire uses Soft or Annealed Tinned Copper (ASTM B-33 and ASTM B-8)



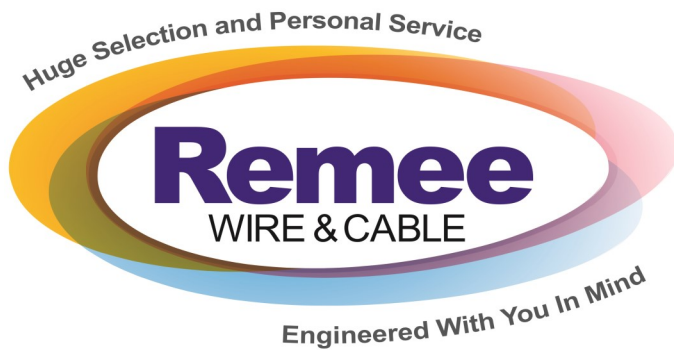
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Preparation for Shipment:

The uninsulated ground wire shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.

Note: While Remeë Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document, Remeë Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remeë Products Corp. expressly disclaims all implied warranties regarding the information contained herein, including but not limited to, any implied warranties of merchantability or fitness for particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice.

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature: _____
Company: _____
Date: _____



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