


ROME ANNEALED COPPER CONDUCTOR

Solid or Stranded
Bare or Tin Coated

<p>APPLICATION: For use on insulators for overhead distribution circuits or for grounding conductors.</p> <p>STANDARDS: 1. Conforms to ASTM B-3 "Soft or Annealed Copper Wire." 2. Conforms to ASTM B-8 for "Concentric-Lay Stranded Copper Conductors." 3. Conforms to ASTM B-33 for "Tinned Soft or Annealed Copper Wire for Electrical Purposes." 4. Conforms to Federal Standard QQ-W-343.</p> <p>CONSTRUCTION: Soft or annealed, bare or tin coated, solid or concentric stranded copper conductor.</p>					
Size AWG or kcmil	No. of Strands	Nom. Diam. Inches	Approx. Wt. Lb./1000 Ft.		
			Net	Shipping	
Solid Bare					
14	Solid	.0641	12	22	
12	Solid	.0808	20	30	
10	Solid	.1019	31	41	
8	Solid	.1285	50	60	
6	Solid	.1620	79	89	
4	Solid	.2043	126	136	
2	Solid	.2576	201	-	
Solid Tinned					
8	Solid	.1285	50	-	
6	Solid	.1620	79	-	
4	Solid	.2043	126	-	
2	Solid	.2576	201	-	
Stranded Bare					
8	7	.142	51	61	
6	7	.179	81	91	
4	7	.225	129	139	
2	7	.283	205	-	
1/0	19	.362	326	-	
2/0	19	.406	411	-	
3/0	19	.456	518	-	
4/0	19	.512	653	-	
250	37	.558	772	-	
350	37	.661	1081	-	
500	37	.789	1544	-	
Stranded Tinned					
8	7	.146	51	-	
6	7	.184	81	-	
4	7	.232	129	-	
2	7	.292	205	-	
1/0	19	.373	326	-	
2/0	19	.419	411	-	
3/0	19	.470	518	-	
4/0	19	.528	653	-	
250	37	.575	772	-	
350	37	.681	1081	-	
500	37	.813	1544	-	
Class A Stranded - Bare					
1/0	7	.368	326	-	
2/0	7	.414	411	-	
3/0	7	.464	518	-	
4/0	7	.522	653	-	
250	19	.574	772	-	
350	19	.679	1081	-	
500	37	.813	1544	-	

Specification

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Solid or Stranded
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1. SCOPE

- 1.1 This specification describes solid and stranded annealed or soft drawn bare or tin coated uninsulated copper wire for all applicable uses.

2. STANDARDS

- 2.1 American Society for Testing Materials, ASTM Specification B-3, latest revision, Soft or Annealed Copper Wire.
- 2.2 American Society for Testing Materials, ASTM Specification B-8, latest revision, Concentric-Lay-Stranded Copper Conductors.
- 2.3 American Society for Testing Materials, ASTM Specification B-33, latest revision, Tinned Soft or Annealed Copper Wire for Electrical Purposes.
- 2.4 Federal Specification QQ-W-343, latest revision, Wire, Electrical, Copper, Uninsulated.

3. CONDUCTOR

- 3.1 Solid conductors and individual members of stranded conductors shall meet the requirements of ASTM B3.
- 3.2 Stranded conductors shall be assembled in accordance with the requirements of ASTM B8.
- 3.3 Tinned conductors shall meet the requirements of ASTM B33.

4. TESTS

- 4.1 Copper conductors shall be tested to meet the requirements of the ASTM standards. Certified Test Reports may be furnished if requested prior to manufacture of the conductor.

5. PACKAGING

- 5.1 Conductors shall be packaged in accordance with standard commercial practice.