

Bare Copper, Solid and Stranded



TranSystems		Vermont Agency of Transportation Lyndon STPG SGNL(48) Project
<input type="checkbox"/>	Approved	Fabrication/Installation may be undertaken
<input checked="" type="checkbox"/>	Approved as Corrected	Approval provided comments are incorporated 1
<input type="checkbox"/>	Correct, Revise and Resubmit	Fabrication/Installation MAY NOT be undertaken
<input type="checkbox"/>	No Action Taken	
Review / approval does not relieve the contractor from complying with all the requirements of the contract		

Applications

Solid (medium-hard or hard-drawn temper) for use in overhead, outdoor applications for distribution circuits.
Stranded (hard-, medium-hard or soft-drawn temper) for grounding.

Specifications

- SOLID: ASTM B-1=Hard-drawn temper; ASTM B-2=Medium-hard-drawn temper; ASTM B-3=Soft-drawn temper
- STRANDED: ASTM B-8=Concentric lay, Class B or Class C

SOLID

All part numbers are for soft-drawn temper. For other tempers use the suffix "H" for hard-drawn or "M" for medium-hard-drawn temper, (e.g. 1A-0801H). Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG	No. of Strands	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.
1A-2601	26	Solid	0.016	0.8
1A-2401	24	Solid	0.020	1.2
1A-2201	22	Solid	0.025	1.9
1A-2001	20	Solid	0.032	3.1
1A-1801	18	Solid	0.040	4.9
1A-1601	16	Solid	0.051	7.8
1A-1401	14	Solid	0.064	12.4
1A-1201	12	Solid	0.081	19.8
1A-1001	10	Solid	0.102	31.4
1A-0801	8	Solid	0.129	50.0
1A-0601	6	Solid	0.162	79.4
1A-0401	4	Solid	0.204	126.3
1A-0201	2	Solid	0.258	201.9

1 - All Cable must meet the requirements of Special Provision Section 63 ACTIVE WARNING SYSTEM MATERIALS (j) Miscellaneous Products and Components Part 30 Vital Signal Cables (see attached pgs 58 to 61 of Special Provisions). Contractor shall provide appropriate test reports when cable is installed.

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