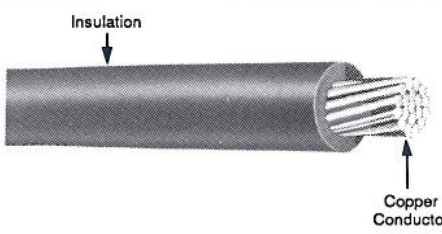


ROME SERIES LIGHTING CABLE

PVC, Polyethylene or Rome-XLP Insulation

<p>APPLICATION: For street lighting circuits as the high voltage cable connecting the constant current transformer and street lamps which are connected in series. Cables are suitable for installation in conduit or for direct earth burial.</p> <p>STANDARDS: Meets or exceeds the applicable requirements of ICEA Pub. No. S-61-402 (PVC and polyethylene) or ICEA Pub. No. S-66-524 (Rome-XLP).</p> <p>CONSTRUCTION: Solid or stranded annealed copper conductor, PVC, polyethylene or Rome-XLP insulation, surface printed.</p>				
Circuit Voltage ⁽¹⁾	Size AWG	Insulation Thickness Mils	Nominal Diameter Inches	Approx. Net Wt. Lb./1000 Ft.
PVC Insulation				
5 KV and less	8	155	.47	140
	6	155	.51	180
Polyethylene or Rome-XLP Insulation				
2001-3000	8	75	.31	70
	6	90	.37	110
	4	90	.42	165
3001-6000 ⁽²⁾	8	110	.37	85
	6	110	.41	120
	4	110	.46	175

⁽¹⁾For circuits employing protectors, use the full load voltage in determining cable insulation thickness. For circuits without protectors, use the open-circuit voltage to determine cable insulation thickness.

⁽²⁾If the open circuit voltage without protectors exceeds 5KV, an insulation shield is required. Contact Rome Cable Corporation for design recommendations.

Information on this sheet subject to change without notice

Specification

ROME SERIES LIGHTING CABLE

1. SCOPE

- 1.1 This specification describes single conductor copper, Rome PVC, polyethylene or crosslinked polyethylene unipass insulation-jacketed cables for use in series lighting systems. Cable is suitable for installation in conduit, under ground duct or direct earth burial.

2. APPLICABLE SPECIFICATIONS

- 2.1 The following specifications shall form a part of this specification to the extent specified herein:
 - 2.1.1 ICEA Publication No. S-61-402, NEMA Pub. No. WC5 for Thermoplastic Insulated Wire and Cable.
 - 2.1.2 ICEA Publication No. S-66-524, NEMA Pub. No. WC7 for Crosslinked Thermosetting Polyethylene Insulated Wire and Cable.

3. CONDUCTORS

- 3.1 Conductors shall be solid or concentrically stranded, Class B uncoated soft copper meeting the requirement of Part 2 of the referenced ICEA Publications.

4. INSULATION/JACKET

- 4.1 Polyvinyl chloride compound shall meet the requirements of ICEA Publication S-61-402, Part 3, Par. 3.7.
- 4.2 Polyethylene compound shall be high molecular weight, low density meeting the requirements of ICEA Publication S-61-402, Part 3, Par. 3.9.
- 4.3 Crosslinked polyethylene compound shall meet the requirements of ICEA Publication S-66-524, Part 3.
- 4.4 Insulation/jacket thickness shall be in accordance with the requirements of the respective ICEA Publication.

5. SURFACE MARKING

- 5.1 The cable surface shall be printed to include manufacturer identification, cable size and voltage rating.

6. TESTS

- 6.1 Cables shall be tested and meet the applicable requirements of the referenced ICEA Standards.