

## ROME CLASS E, LOCAL LAW 5 - NYC Type FPLP

Fire Safe 150°C, Nonshielded, 300V  
Halar® Insulation, Halar® Jacket

<p>APPLICATION: Indoor use in fire and alarm notification, smoke/heat detection, sprinkler/waterflow alarms, building control circuits, initiating circuit systems, voice/data communications and microprocessor based systems. Exceeds UL 910 flame test for cables installed in spaces transporting environmental air (plenum). Rated 300 volts and -70°C to 150°C, dry locations.</p> <p>RATINGS: UL 1424 - Type FPLP. Classified by UL as Fire Alarm Cable for use in New York City, Class E, Local Law 5. Complies with the New York State Combustion Toxicity Registration law. Factory Mutual Research Corp. Group 1 Classification.</p> <p>NEC Articles: 760 – Fire Alarm Systems 725 – Remote – Control, Signaling</p> <p>CONSTRUCTION: 18 - 12 AWG solid bare copper, Halar® insulation, color coded, cabled, red Halar® jacket, surface printed</p>				<p>The diagram shows a cross-section of the cable. On the left, a thick black layer is labeled 'Halar® Jacket'. In the center, a thin black layer is labeled 'Halar® Insulation'. On the right, two twisted wires are labeled 'Copper Conductor'.</p>		
No. of Pairs	AWG Size	Insulation Thickness Mils	Jacket Thickness Mils	Nominal OD Inches	Capacitance ( pF / ft )	Weight lb/1000 ft
1	18	15	25	.212	17	27
2	18	15	25	.302	16	47
3	18	15	25	.320	16	63
1	16	15	25	.232	19	35
2	16	15	25	.337	18	63
3	16	15	25	.358	18	85
1	14	15	25	.260	21	47
2	14	15	25	.380	20	86
3	14	15	25	.405	20	119
1	12	15	25	.292	23	65
2	12	15	25	.433	22	122

- Notes:
1. Critical processing of jacket assures quick and simple jacket removal.
  2. Improved signal performance over standard PVDF insulated cables, allowing longer runs.
  3. Nominal capacitance measured between conductors.
  4. Enhanced mechanical properties.
  5. Excellent chemical, crush resistance.
  6. Pairs 2 and 3 are also numbered.

Color Code	No. Color
	1 Black & Red
	2 Black & White
	3 Black & Blue

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