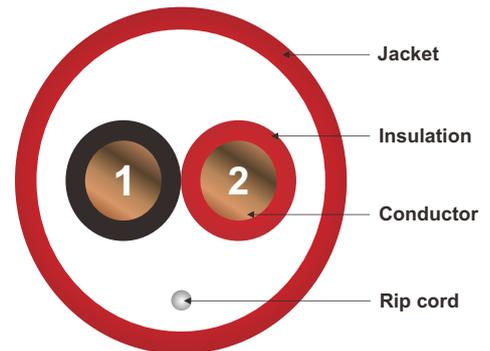


## Unshielded fire alarm cable (FPLP)



- Certificate: UL Listed
- Standard: UL 1424 / NEC Article 760
- Temperature: -20°C to 75°C, or -20°C to 105°C
- Voltage: 300 V
- Compliance: FPLP/CMP/CL3P, flame test NFPA 262
- Application: Plenum fire alarm wiring



### Main parts and material

<b>Conductor</b>	Multiconductor, solid or stranded bare copper, soft-annealed as ASTM B3	<b>Insulation (Dielectric)</b>	Plenum PVC, flame retardant and low smoke, color red & black (2C)
<b>Shield</b>	/	<b>Drain wire (Earth wire)</b>	/
<b>Rip cord</b>	150D Nylon, white	<b>Jacket</b>	Plenum PVC, flame retardant and low smoke, color red

### Available size (Solid conductor)

Size	Conductor			Max DCR 20°C, Ω/km	Insulation THK mm	Jacket THK mm	Nom. Cable OD mm	Ref. No.
	Type	Nominal dia (mm)	Section (mm <sup>2</sup> )					
18 AWG x 2C	Solid	1.02 x 2C	0.82	21.4	0.23	0.43	3.80	C0401
18 AWG x 4C	Solid	1.02 x 4C	0.82	21.4	0.23	0.43	4.40	C0402
16 AWG x 2C	Solid	1.29 x 2C	1.31	13.5	0.23	0.43	4.30	C0403
16 AWG x 4C	Solid	1.29 x 4C	1.31	13.5	0.23	0.43	5.00	C0404
14 AWG x 2C	Solid	1.63 x 2C	2.08	8.45	0.30	0.43	5.10	C0405

## Unshielded fire alarm cable (FPLP)

### Available size (Stranded conductor)

Size	Conductor			Max DCR 20°C, Ω/km	Insulation THK mm	Jacket THK mm	Nom. Cable OD mm	Ref. No.
	Type	Nominal dia (mm)	Section (mm <sup>2</sup> )					
18 AWG x 2C	7 stranded	1.16 x 2C	0.81, min	21.9	0.25	0.43	4.00	C0411
18 AWG x 4C	7 stranded	1.16 x 4C	0.81, min	21.9	0.25	0.43	4.60	C0412
16 AWG x 2C	7 stranded	1.46 x 2C	1.28, min	13.7	0.25	0.43	4.52	C0413
16 AWG x 4C	7 stranded	1.46 x 4C	1.28, min	13.7	0.25	0.43	5.24	C0414
14 AWG x 2C	7 stranded	1.85 x 2C	2.04, min	8.60	0.33	0.43	5.49	C0415