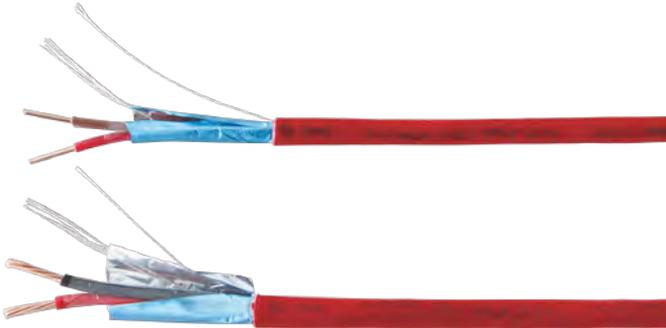
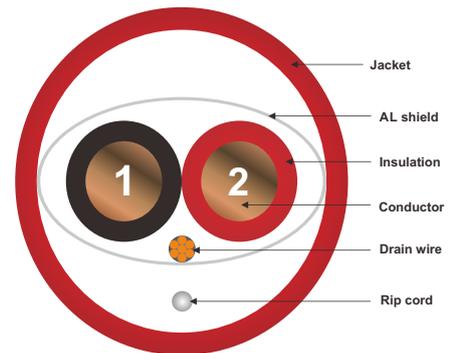


Shielded fire alarm cable (FPLP)



- 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

Conductor	Multiconductor, solid or stranded bare copper, soft-annealed as ASTM B3	Insulation (Dielectric)	Plenum PVC, flame retardant and low smoke, color red & black (2C)
Shield	Aluminum mylar tape	Drain wire (Earth wire)	Tinned copper, 7 x stranded 0.2mm dia.
Rip cord	150D Nylon, white	Jacket	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 ²)					
18 AWG x 2C	Solid	1.02 x 2C	0.82	21.4	0.23	0.43	4.10	C0501
18 AWG x 4C	Solid	1.02 x 4C	0.82	21.4	0.23	0.43	4.70	C0502
16 AWG x 2C	Solid	1.29 x 2C	1.31	13.5	0.23	0.43	4.60	C0503
16 AWG x 4C	Solid	1.29 x 4C	1.31	13.5	0.23	0.43	5.30	C0504
14 AWG x 2C	Solid	1.63 x 2C	2.08	8.45	0.30	0.43	5.40	C0505

Shielded 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 ²)					
18 AWG x 2C	7 stranded	1.16 x 2C	0.81, min	21.9	0.25	0.43	4.30	C0511
18 AWG x 4C	7 stranded	1.16 x 4C	0.81, min	21.9	0.25	0.43	4.90	C0512
16 AWG x 2C	7 stranded	1.46 x 2C	1.28, min	13.7	0.25	0.43	4.82	C0513
16 AWG x 4C	7 stranded	1.46 x 4C	1.28, min	13.7	0.25	0.43	5.54	C0514
14 AWG x 2C	7 stranded	1.85 x 2C	2.04, min	8.60	0.33	0.43	5.79	C0515