



TECHNICAL SPECIFICATIONS

Fire Alarm Cable

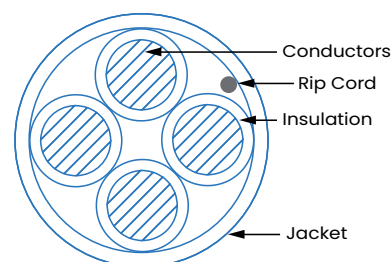
18/4 Solid Non-Shielded Plenum

PART NUMBER: L1804 - 7018 - CC LL

See part legend below

DESCRIPTION:

18 AWG 4 Conductor Solid Twisted OFC LSPVC/LSPVC Fire Alarm Plenum Cable



Conductor	
Assembly	4 Core Twisted with a 3.70" LHL
Material	Oxygen Free Bare Copper
Copper Size	18 AWG (Solid)
Diameter	0.040 in. : 1.02 mm

Insulation	
Material	Low Smoke Polyvinyl Chloride (LSPVC)
Thickness	0.008 in. : 0.20 mm
Diameter	0.056 in. : 1.42 mm
Color Code	Black, Red, Brown, Blue

Shielding	
Foil	None
Diameter	None
Drain Wire	None

Jacket	
Material	Low Smoke Polyvinyl Chloride (LSPVC)
Thickness	0.015 in. : 0.38 mm
Overall Diameter	0.168 in. : 4.26 mm
Rip Cord	Yes

Industry Approvals	
National Electric Code®	Article 725
UL Standard 13	Type CL3P
National Electrical Code®	Article 760
UL Standard 1424	Type FPLP
EU RoHS III 2015/863/EU Compliant	

Electrical Performance	
DC Resistance (68° F : 20° C)	6.52 Ω/1000FT : 21.40 Ω/KM
Capacitance	38.19 pF/FT : 125.26 pF/M
Characteristic Impedance	26.55 Ω
Voltage Rating	300V
Temperature Rating	32° F to 167° F : 0°C to 75°C

Installation	
Pull Tension	52 Lbs : 232 N
Bend Radius	1.68 in. : 42.60 mm unloaded
Bend Radius	3.35 in. : 85.20 mm loaded

PART LEGEND

Jacket Color (CC)					
01	White	05	Yellow	09	Gray (Slate)
02	Black	06	Blue	10	Purple
03	Red	07	Brown	11	Beige
04	Green	08	Orange		

Put-up (LL)	
10	1000 Foot Box
11	1000 Foot Reel
50	500 Foot Box
52	500 Foot Coil Pack