



TECHNICAL SPECIFICATIONS

Fire Alarm Cable

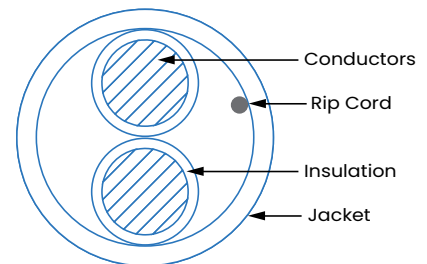
16/2 Solid Non-Shielded Plenum

PART NUMBER: L1602 - 7018 - CC LL

See part legend below

DESCRIPTION:

16 AWG 2 Conductor Solid Twisted OFC LSPVC/LSPVC Fire Alarm Plenum Cable



Conductor	
Assembly	2 Core Twisted with a 3.70" LHL
Material	Oxygen Free Bare Copper
Copper Size	16 AWG (Solid)
Diameter	0.051 in. : 1.30 mm

Insulation	
Material	Low Smoke Polyvinyl Chloride (LSPVC)
Thickness	0.009 in. : 0.22 mm
Diameter	0.069 in. : 1.75 mm
Color Code	Black, Red

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. : 4.27 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)	4.10 Ω/1000FT : 13.50 Ω/KM
Capacitance	35.0 pF/FT : 114.80 pF/M
Characteristic Impedance	55.0 Ω
Voltage Rating	300V
Temperature Rating	32° F to 167° F : 0°C to 75°C

Installation

Pull Tension	41 Lbs. : 182 N
Bend Radius	1.68 in. : 42.70 mm unloaded
Bend Radius	3.36 in. : 85.40 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