



TECHNICAL SPECIFICATIONS

Fire Alarm Cable

16/2 Solid Shielded Plenum

PART NUMBER: L1602 – 7118 – CC LL

See part legend below

DESCRIPTION:

16 AWG 2 Conductor Solid Twisted Shielded 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
Diameter	0.051 in. : 1.30 mm

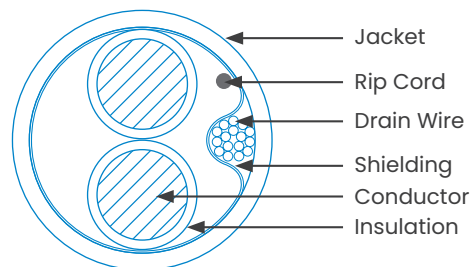
Insulation	
Material	Low Smoke Polyvinyl Chloride (LSPVC)
Thickness	0.009 in. : 0.22 mm
Diameter	0.069 in. : 1.75 mm
Color Code	Black, Red

Shielding	
Foil	Aluminum/Polyester Tape Foil Out
Diameter	0.170 in. : 4.31 mm
Drain Wire	22 AWG (7-Strand / 30 AWG : 0.242 mm) Tinned Copper

Jacket	
Material	Low Smoke Polyvinyl Chloride (LSPVC)
Thickness	0.015 in. : 0.38 mm
Overall Diameter	0.200 in. : 5.07 mm
Rip Cord	Yes

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		



Industry Approvals

National Electric Code®	Article 800
UL Standard 444	Type CMP
National Electric Code®	Article 725
UL Standard 13	Type CL3P
National Electrical Code®	Article 760
UL Standard 1424	Type FPLP
EU Directive 2011/65/EU RoHS Compliant	

Electrical Performance

DC Resistance (68° F : 20° C)	4.10 Ω/1000FT : 13.5 Ω/km
Capacitance (Cond-Cond)	73.44 pF/FT : 240.90 pF/M
Capacitance (Cond-Shield)	132.19 pF/FT : 433.58 pF/M
Characteristic Impedance	14 Ω
Voltage Rating	300V
Temperature Rating	32° F to 167° F : 0°C to 75°C

Installation

Pull Tension	47 Lbs : 209 N
Bend Radius	2.00 in. : 50 mm unloaded
Bend Radius	4.00 in. : 100 mm loaded

Put-up (LL)

10	1000 Foot Box
11	1000 Foot Reel
50	500 Foot Box
52	500 Foot Coil Pack