



TECHNICAL SPECIFICATIONS

Fire Alarm Cable

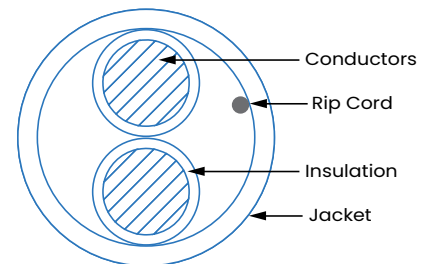
18/2 Solid Non-Shielded Riser

PART NUMBER: L1802 - 7016 - CC LL

See part legend below

DESCRIPTION:

18 AWG 2 Conductor Solid Twisted OFC SRPVC/FRPVC Fire Alarm Riser Cable



Conductor	
Assembly	2 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	Semi-Rigid Polyvinyl Chloride (SRPVC)
Thickness	0.009 in. : 0.22 mm
Diameter	0.057 in. : 1.46 mm
Color Code	Black, Red

Shielding	
Foil	None
Diameter	None
Drain Wire	None

Jacket	
Material	Flame Retardant Polyvinyl Chloride (FRPVC)
Thickness	0.015 in. : 0.38 mm
Overall Diameter	0.145 in. : 3.68 mm
Rip Cord	Yes

Industry Approvals

National Electric Code®	Article 725
UL Standard 13	Type CL3R
National Electrical Code®	Article 760
UL Standard 1424	Type FPLR
EU RoHS III 2015/863/EU Compliant	
EU REACH SVHC - 1907/2006/EC: 01/23/2024 (240)	

Electrical Performance

DC Resistance (68° F : 20° C)	6.52 Ω /1000FT : 21.40 Ω /KM
Capacitance	33.65 pF/FT : 110.37 pF/M
Characteristic Impedance	30.13 Ω
Voltage Rating	300V
Temperature Rating	-4° F to 167° F : -20° C to 75° C

Installation

Pull Tension	26 Lbs : 116 N
Bend Radius	1.45 in. : 36.80 mm unloaded
Bend Radius	2.90 in. : 73.60 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