

FIRE ALARM FPLP 14/2 SOLID SHIELDED CABLE



Cable Detail		
Applicable Standards		
<ul style="list-style-type: none"> • C(UL) listed FPLP • RoHS Compliant (EU) 2015-863 		
Physical Characteristics		
Conductor Material	Solid Bare Copper	
Number of Conductors	2	
AWG	14 AWG	
Stranding	Solid	
Overall Diameter	1/1.63 mm	
Insulation Material	PVC	
Insulation Diameter	2.10 mm Nom.	
Average Thickness	0.23 mm Nom.	
Jacket Material	PVC PLENUM	
Jacket Diameter	5.1 mm Nom.	
Average Thickness	0.38 mm	
Nominal Weight	21 lbs.	
Shielding (Y/N)	Yes (Aluminum Foil)	
Ripcord (Y/N)	Yes	
Drain Wire (Y/N)	Yes (Tinned Copper)	
Insulation Colors		
Black / Red		
Part Numbers	Jacket Color	Package
FC1402SPRD2	Red	1000FT / Reel

Mechanical Characteristics

Operating Temperature	-20°C to + 75°C
Insulation Elongation	≥ 100%
Tensile Strength	≥ 13.79 Mpa
Jacket Elongation	≥ 100%
Tensile Strength	≥ 17.24 Mpa
Aging Condition	100°C ±2°C x 240 hours
	Elongation Retention ≥ 65%
Cold Bend	Tensile Strength Retention ≥ 85%
	-20°C / 4 hours (No Cracking)

Electrical Characteristics @ 20°C

DC Resistance	14AWG: 8.45 Ohms/Km Max.
Voltage Rating	300 V
Voltage Resistance	AC 1.5 KV/60S
Flame Retardance	FPLP

Cable Marking

EXXXXX 14AWG 2/C PLENUM SHIELDED (UL) FPLP
DEVICE/ZONE A B C D E F 1 2 3 4 5 6 7 8 RoHS ****FT

