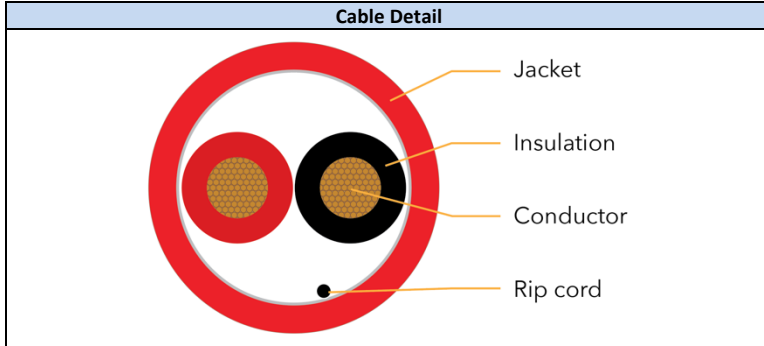


# FIRE ALARM FPLP 16/2 SOLID UNSHIELDED CABLE



**Applicable Standards**

- C(UL) listed FPLP
- RoHS Compliant (EU) 2015-863

**Physical Characteristics**

Conductor Material	Solid Bare Copper
Number of Conductors	2
AWG	16 AWG
Stranding	Solid
Overall Diameter	1/1.29 mm
Insulation Material	PVC
Insulation Diameter	1.78 mm Nom.
Average Thickness	0.23 mm Nom.
Jacket Material	PVC PLENUM
Jacket Diameter	4.5 mm Nom.
Average Thickness	0.38 mm
Nominal Weight	-- lbs.
Shielding (Y/N)	No
Ripcord (Y/N)	Yes
Drain Wire (Y/N)	No

**Insulation Colors**

Black / Red

Part Numbers	Jacket Color	Package
<b>FC1602UPRD2</b>	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%
	Tensile Strength Retention ≥ 85%
Cold Bend	-20°C / 4 hours (No Cracking)

## Electrical Characteristics @ 20°C

DC Resistance	16AWG: 13.5 Ohms/Km Max.
Voltage Rating	300 V
Voltage Resistance	AC 1.5 KV/60S
Flame Retardance	FPLP

## Cable Marking

EXXXXX 16AWG 2/C PLENUM UNSHIELDED (UL) FPLP  
DEVICE/ZONE A B C D E F 1 2 3 4 5 6 7 8 RoHS \*\*\*\*FT

