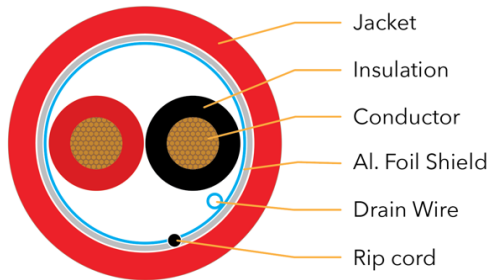


FIRE ALARM FPLR

16/2 SOLID SHIELDED CABLE

Cable Detail



Applicable Standards

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



Cable Marking

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

Insulation Colors

Black / Red

Part Numbers

FC1602SRD2

Jacket Color

Red

Package

1000FT / Reel

Physical Characteristics

Conductor Material	Solid Bare Copper
Number of Conductors	2
AWG	16 AWG
Conductor Diameter	1.28 (mm)
Insulation Material	PVC
Average Thickness	0.260 (mm)
Min. Point Thickness	0.240 (mm)
Diameter	1.80 (±0.05mm)
Drain Wire (Stranded TC) Dia.	7/0.25 (±0.003mm)
Al Foil Shield	YES (mm)
Assembly Diameter	3.65 (±0.1mm)
Jacket Material	PVC
Average Thickness	0.45 (mm)
Min. Point Thickness	0.40 (mm)
Diameter	4.80 (±0.1mm)
Rip Cord	Yes
Nominal Weight	30 (pounds)
Rated Temperature	75 (°C)

Mechanical Characteristics

Test Object	Jacket
Test Material	PVC
Before Tensile Strength	≥13.8 (Mpa)
Aging Elongation	≥100 (%)
Aging Condition	100x168 (°Cxhrs)
Before Tensile Strength	≥85% of unaged (Mpa)
Aging Elongation	≥50% of unaged (%)
Cold Bend (-20±2°Cx4hrs)	No Crack

