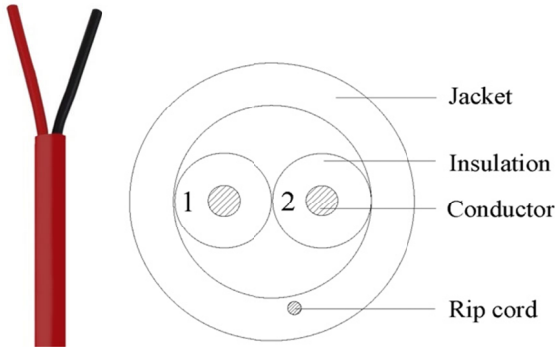


Fire Alarm FPLR Cable

18AWG/2C Red Solid Unshielded

Cable Detail



Approval



Physical Characteristics

Conductor	Solid B.C.
AWG	18
Conductor Diameter	1.02 (mm)
Insulation Material	PEP
Average Thickness	0.265 (mm)
Min. Point Thickness	0.240 (mm)
Diameter	1.55 (± 0.05 mm)
Assembly Diameter	3.10 (± 0.1mm)
Jacket Material	PVC
Average Thickness	0.45 (mm)
Min. Point Thickness	0.40 (mm)
Diameter	4.00 (± 0.1 mm)
Rip Cord	Per request
Nominal Weight	21 (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	$\geq 85\%$ of unaged (Mpa)
Aging Elongation	$\geq 50\%$ of unaged (%)
Cold Bend (-20\pm2°Cx4hrs)	No Crack

Colors

- Insulation Color
Black / Red
- Jacket Color
Red

Part Number

FC1802URD2

Package

1000FT / REEL

Cable Marking

EXXXXXX 18AWG 2/C UNSHIELDED (UL) FPLR
DEVICE/ZONE A B C D E F 1 2 3 4 5 6 7 8 RoHS ****FT