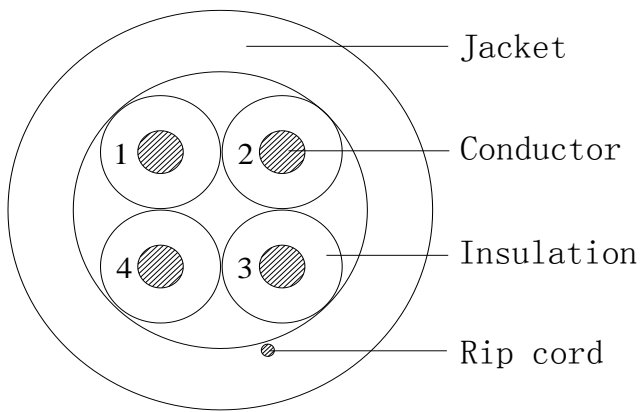


Cross Section



Description

Rated Temperature (°C) 75

Product Standard Certification

Flammability Test

Application

Construction

Conductor	Solid BC
AWG	18
Conductor Dia. (mm)	1.02
Insulation	PVC
Average Thickness(mm)	0.265
Min. Point Thickness(mm)	0.240
Insulation Dia.(±0.05mm)	1.55
Assembly Dia.(±0.1mm)	3.80
Jacket	PVC
Average Thickness(mm)	0.45
Min. Point Thickness(mm)	0.40
Outer Dia.(±0.1mm)	4.65
Rip Cord	Per request

Nominal Weight 35 lbs.

Color

Insulation colors are:

- 1.Black
- 2.Red
- 3.Yellow
- 4.Blue

Marking

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

Performance

Electrical Characteristics:

Part Number	Color	Put-up
FC1804URD2	Red	Reel

Mechanical Characteristics:

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