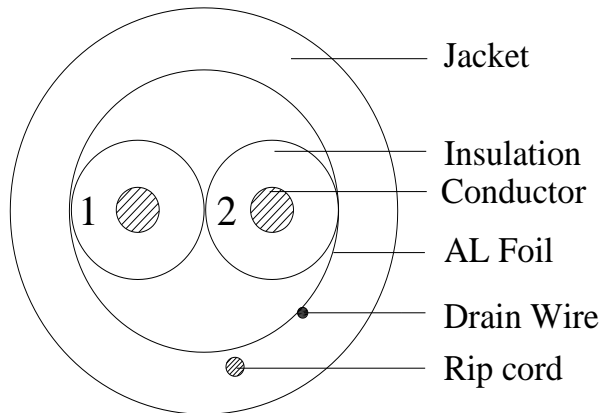


### Cross Section



### Description

Rated Temperature (°C) 75

Product Standard Certification

Flammability Test

### Application

### Construction

<b>Conductor</b>	<b>Solid BC</b>
AWG	18
Conductor Dia. (mm)	1.02
<b>Insulation</b>	<b>PVC</b>
Average Thickness(mm)	0.265
Min. Point Thickness(mm)	0.240
Insulation Dia.(±0.05mm)	1.55
Drain wire (Stranded TC) Dia.(±0.003mm)	7/0.25
Al Foil Shield(mm)	Yes
<b>Assembly Dia.(±0.1mm)</b>	<b>3.15</b>
<b>Jacket</b>	<b>PVC</b>
Average Thickness(mm)	0.45
Min. Point Thickness(mm)	0.40
Outer Dia.(±0.1mm)	4.10
Rip Cord	Per request

**Nominal Weight 21 lbs.**

### Color

Insulation colors are:

- 1.Red
- 2.Black

### Marking

XXXXXX 18AWG 2/C SHIELDED (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
<b>FC1802SRD2</b>	<b>Red</b>	<b>Reel</b>

#### 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