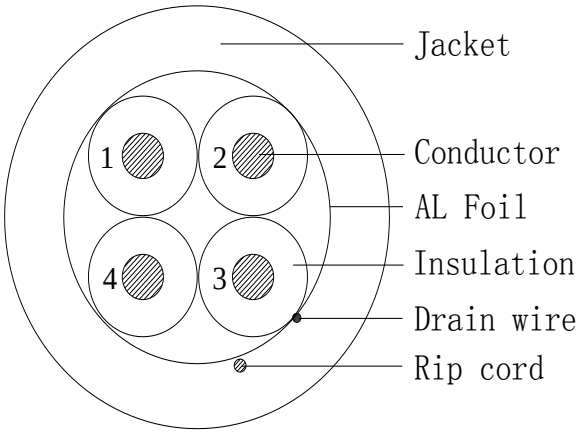
Fire Alarm 4C 18AWG Shielded Cable Specification

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
Drain wire (Stranded TC) Dia.(±0.003mm)	7/0.25
Al Foil Shield(mm)	Yes
Assembly Dia.(±0.1mm)	**3.85**
Jacket	**PVC**
Average Thickness(mm)	0.45
Min. Point Thickness(mm)	0.40
Outer Dia.(±0.1mm)	4.80
Rip Cord	Per request
Nominal Weight	**34 lbs.**

Color

Insulation colors are:

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

Marking

XXXXXX 18AWG 4/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
	Red	Reel

Mechanical Characteristics:

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