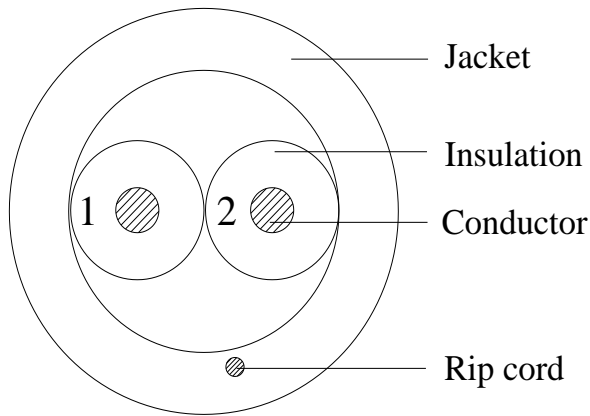


Cross Section



Description

Rated Temperature (°C)	75
Product Standard Certification	
Flammability Test	
Application	

Construction

Conductor	Solid BC
AWG	18
Conductor Dia. (mm)	1.02
Insulation	FEP
Average Thickness(mm)	0.265
Min. Point Thickness(mm)	0.240
Insulation Dia.(±0.05mm)	1.55
Assembly Dia.(±0.1mm)	3.10
Jacket	PVC
Average Thickness(mm)	0.45
Min. Point Thickness(mm)	0.40
Outer Dia.(±0.1mm)	4.00
Rip Cord	Per request
Nominal Weight	21 lbs.

Color

Insulation colors are:
1.Red
2.Black

Marking

XXXXXX 18AWG 2/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
FC1802URD2	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