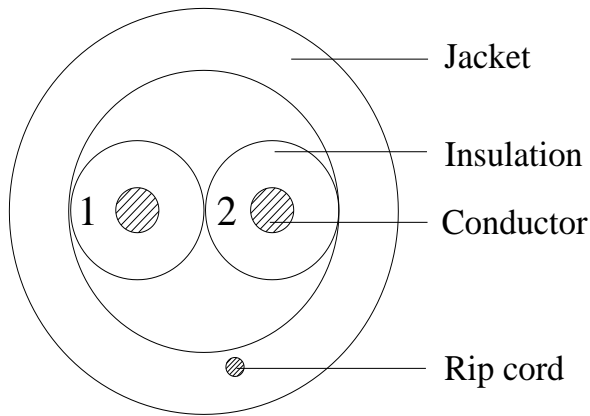


Cross Section



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 |