

CHARACTER:

- 1.Physical performance
- a、Excellent mechanical properties
  - b、Excellent thermal stability
  - c、Low temperature soft good performance
  - d、Good flame retardancy
  - e、high of resistance to chemicals
  - f、Chemistry stability is good

2.Electrical Properties

- a、Electrical insulation good
- b、Good the dielectric properties

3.Processing properties

- a、Using the hot extrusion processing
- b、Can be twisted pair and multi-core
- c、According to SAE standard design

4.Environmental protection

- a、low smoke, non-halogen
- b、ROHS/REACH compliant

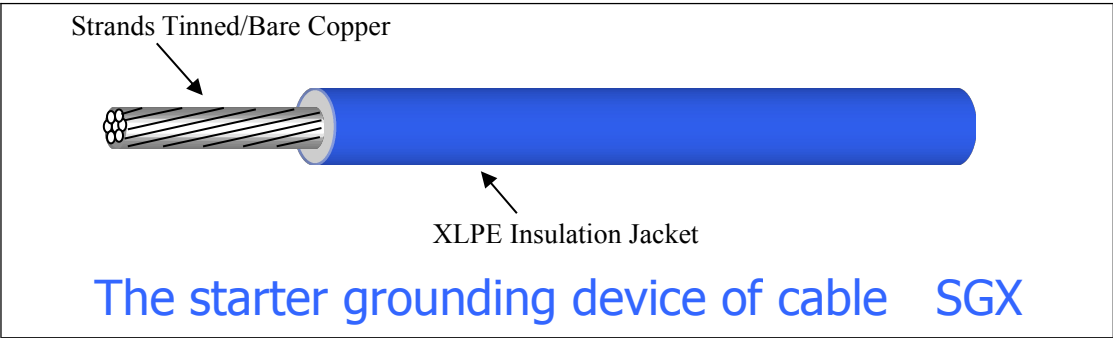
SHOULD BE USED:

The starter grounding device of cable

REFERENCE:

SAE J1127-2005

Outline:



**Wire structure description:**  
Conductor: Tinned /Bare copper ;  
Insulation materials: XLPE Insulation

| The starter grounding device of cable                    |     |                                         |                       |                                 |      |                                       |
|----------------------------------------------------------|-----|-----------------------------------------|-----------------------|---------------------------------|------|---------------------------------------|
| Rated temperature: 125℃    rated voltage: 60Vac or 25Vdc |     |                                         |                       |                                 |      |                                       |
| STYLE                                                    | AWG | Conductor size<br>(No./ mm)<br>±0.005mm | Conductor<br>Dia.(mm) | insulation<br>thickness<br>(mm) |      | Overall<br>diameter<br>( mm )<br>Max. |
|                                                          |     |                                         |                       | Nom.                            | Min. |                                       |
| SGX                                                      | 4/0 | 19/44/0.404                             | 15.48                 | 1.98                            | 1.39 | 20.00                                 |
|                                                          | 3/0 | 19/87/0.254                             | 13.68                 | 1.98                            | 1.39 | 18.50                                 |
|                                                          | 2/0 | 19/70/0.254                             | 12.26                 | 1.65                            | 1.16 | 16.00                                 |
|                                                          | 1/0 | 19/55/0.254                             | 10.88                 | 1.65                            | 1.16 | 14.50                                 |
|                                                          | 1   | 19/44/0.254                             | 9.72                  | 1.65                            | 1.16 | 13.00                                 |
|                                                          | 2   | 7/95/0.254                              | 8.58                  | 1.65                            | 1.16 | 12.00                                 |
|                                                          | 4   | 7/60/0.254                              | 6.82                  | 1.65                            | 1.16 | 10.50                                 |
|                                                          | 6   | 7/38/0.254                              | 5.41                  | 1.52                            | 1.06 | 8.60                                  |

Marking: NO MARKING

SAE COLOR SERIES

| * STOCK COLOR CHART |          |         |           |            |
|---------------------|----------|---------|-----------|------------|
| 00-BLACK            | 01-WHITE | 02-RED  | 03-YELLOW | 04-GREEN   |
| 05-BLUE             | 06-BROWN | 07-GREY | 08-ORANGE | 09- VIOLET |

PACKAGE

| *PACKAGE                                                   |                                           |                                           |                                |                                                                                       |
|------------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------|
| Part No.                                                   | Packing- FT/roll                          |                                           |                                |  |
| 4/0-1AWG                                                   | <input checked="" type="checkbox"/> 100Ft | <input type="checkbox"/> 250Ft            | <input type="checkbox"/> 500Ft |                                                                                       |
| 1/0-6AWG                                                   | <input type="checkbox"/> 100Ft            | <input checked="" type="checkbox"/> 250Ft | <input type="checkbox"/> 500Ft |                                                                                       |
| According to customer requirements for packaging packaging |                                           |                                           |                                |                                                                                       |