

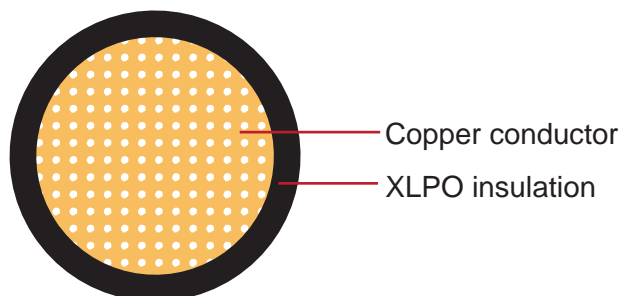
# Automotive Cable

## SGX

### Application and Description:

This XLPO insulated low-tension automotive cable is used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

### Cable Construction:



Copper conductor

XLPO insulation

**Conductor:** Soft-annealed copper according to ASTM B

**Insulation:** XLPO (Cross-Linked Polyolefin)

### Standard:

SAE J 1127

### Special properties:

Flame retardant

Highly resistant against acids, lyes, petrol and diesel

### Technical Parameters:

Operating temperature:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$

| Size | Conductor Construction |                       |                            | Insulation        | Overall Diameter Max. | Weight approx. |
|------|------------------------|-----------------------|----------------------------|-------------------|-----------------------|----------------|
|      | Nominal cross-section  | No. and Dia. of Wires | Diameter of Conductor max. | Nominal thickness |                       |                |
| AWG  | mm <sup>2</sup>        | No./mm                | mm                         | mm                | mm                    | kg/km          |
| 6    | 1x13                   | 133/0.36              | 4.83                       | 1.52              | 8.6                   | 166            |
| 4    | 1x19                   | 133/0.46              | 6.09                       | 1.65              | 10.5                  | 257            |
| 2    | 1x32                   | 133/0.57              | 7.67                       | 1.65              | 12.00                 | 373            |
| 1    | 1x40                   | 259/0.46              | 8.49                       | 1.65              | 13.00                 | 453            |
| 1/0  | 1x50                   | 1026/0.26             | 9.47                       | 1.65              | 14.50                 | 545            |
| 2/0  | 1x62                   | 1254/0.26             | 10.47                      | 1.65              | 16.00                 | 653            |
| 3/0  | 1x81                   | 1615/0.26             | 11.98                      | 1.98              | 18.50                 | 847            |
| 4/0  | 1x103                  | 2052/0.26             | 13.40                      | 1.98              | 20.00                 | 1052           |

Note: Other configurations, sizes, colors and length not specified herein are available upon request.