

# Automobile Wire (SXL)

## SAE Specification

### Application

Electrical wires for automobile and motorcycle.

### Construction

Conductor : Bare copper strands wire

Insulation : 125°C XLPE

### Approval and Technical specification

Reference : SAE J1128 Type SXL

### Description

Excellent for oil resistance and flame retardant.

Use XLPE compound complies with EU RoHS requirements.

Core No.	Size	Conductor Construction	Conductor Overall Diameter	Approximate Overall Diameter	Maximum Conductor Resistance
C	AWG	No./mm	mm	mm	$\Omega/\text{km}(20^{\circ}\text{C})$
1	20	19/0.203	1.0	2.5	34.6
	18	19/0.254	1.27	2.8	21.8
	16	19/0.287	1.44	3.1	13.7
	14	19/0.361	1.8	3.6	8.62
	12	19/0.455	2.3	4.2	5.43
	10	19/0.574	2.9	5.0	3.41