

# Automobile Wire (FLR2X)

## ISO Specification

### Application

Electrical wires for automobile and motorcycle.

### Construction

Conductor : Bare copper strands wire

Insulation : 125°C XLPE

### Approval and Technical specification

Reference : ISO 6722-1

### 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        | mm <sup>2</sup> | No./mm                 | mm                         | mm                           | Ω/km(20°C)                   |
| 1        | 0.35            | 12/0.203               | 0.8                        | 1.3                          | 52.0                         |
|          | 0.5             | 16/0.203               | 0.94                       | 1.5                          | 39.0                         |
|          | 0.75            | 24/0.203               | 1.15                       | 1.8                          | 26.0                         |
|          | 1               | 32/0.203               | 1.33                       | 2.0                          | 19.5                         |
|          | 1.5             | 30/0.25                | 1.6                        | 2.3                          | 13.3                         |
|          | 2.5             | 50/0.25                | 2.04                       | 2.85                         | 7.98                         |