

Automobile Wire (AEX)

JASO Specification

Application

Electrical wires for automobile and motorcycle.

Construction

Conductor : Bare copper strands wire

Insulation : 120°C XLPE

Approval and Technical specification

Reference : JASO D611 Type AEX

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 ²	No./mm	mm	mm	Ω/km(20°C)
1	0.5	7/0.32	1.0	2.1	32.7
	0.5f	20/0.18	1.0	2.1	36.7
	0.75f	30/0.18	1.2	2.3	24.4
	0.85	11/0.32	1.2	2.3	20.8
	1.25	16/0.32	1.5	2.8	14.3
	1.25f	50/0.18	1.5	2.8	14.7
	2	26/0.32	1.9	3.2	8.81
	3	41/0.32	2.4	3.9	5.59
	5	65/0.32	3.0	4.7	3.52

Note : 「f」 mean flexible conductor.