



Test Report

Products	Aluminum core parallel wire		Size	0.6/1KV 2×25mm <sup>2</sup>	
Standard	IEC 60502-1	Invoice No.	20230930002	Date	2023.09.30
NO.	Item	Standards and Requirements		Test Results	Evaluation
1	Conductor				
1-1	Number of core	2		2	Qualified
1-2	Conductor structure	7×2.21mm		7×2.21mm	Qualified
1-3	Outer diameter of conductor	6.63mm		6.64	Qualified
1-4	Conductor Material	AL		AL	Qualified
1-5	Overall breaking force	4.5KN		5.19	Qualified
1-6	Conductor resistance	≤1.066Ω/km		1.048	Qualified
1-7	Direction of lay	Rightward		Rightward	Qualified
2	Insulation				
2-1	Material	PVC		PVC	Qualified
2-2	Color	Black		Black	Qualified
2-3	Nominal thickness	1.2mm		1.32	Qualified
2-4	Minimum Thickness	0.98mm		1.25	Qualified
2-5	Cable Outer diameter	9.0mm×20.8		9.7×20.8	Qualified
2-6	Cable weight	250Kg/km		261	Qualified

Tested by: ShaoqiongHe

Checked by: Guohui Xu

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