

Hangzhou Easy Electric Wire and Cable Co.,LTD

Add: Room 305, Building 2, No. 380 Fengxin Road, Hangzhou, China

www.eescable.com

TEST REPORT

ACAR	Size		300MCM		
12/3.193+7/3.193	Invoice No.	20230107004	Date	2023.1.7	
Item	Standards and	Requirements	Test Results	Evaluation	
Structure					
Number Of AL Wire	12		12	Qualified	
Number Of Steel Wire	7		7	Qualified	
Diameter Of Conductor	15.965±10%		15.976	Qualified	
20℃ Max D.C Resistance	≤0.1995 Ω /km		0.1906	Qualified	
The direction of outer layer	Right- handed		Right- handed	Qualified	
Surface Of Conductor					
Surface Quality	The Surface Shall Be Smooth, Stranded Compactly, No Missing, Broken, Jumping or Loosing Strands.		Smooth, Compact	Qualified	
Aluminum Wire Properties					
Material	Hard drawn aluminum wire		Hard drawn aluminum wire	Qualified	
Diameter Of AL Wire	12/3.193		12/3.193	Qualified	
Min. Tensile Strength	160N/mm2		176	Qualified	
Resistivity at 20℃	≤0.028264		0.027786	Qualified	
Elongation in 10 in	1.6%		3%	Qualified	
Steel Wire Properties					
Diameter Of Steel Wire	7/3.193		7/3.193	Qualified	
	Item Number Of AL Wire Number Of Steel Wire Diameter Of Conductor 20°C Max D.C Resistance The direction of outer layer Surface Quality Material Diameter Of AL Wire Min. Tensile Strength Resistivity at 20°C Elongation in 10 in	Item Standards and Structur Number Of AL Wire 12 Number Of Steel Wire 7 Diameter Of Conductor 15.965: 20°C Max D.C Resistance ≤0.199 The direction of outer layer Right- h Surface O Surface Quality The Surface Sh Stranded Comparator Stranded Comparator Strands. Aluminum Wi Aluminum Wi Material Hard drawn a Diameter Of AL Wire 12/3 Min. Tensile Strength 160N/ Resistivity at 20°C ≤0.02 Elongation in 10 in 1.6 Steel Wire	12/3.193+7/3.193 Invoice No. 20230107004 Item Standards and Requirements Structure Number Of AL Wire 12 Number Of Steel Wire 7 Diameter Of Conductor 15.965±10% 20℃ Max D.C Resistance ≪0.1995 Ω /km The direction of outer layer Right- handed Surface Of Conductor The Surface Shall Be Smooth, Stranded Compactly, No Missing, Broken, Jumping or Loosing Strands. Aluminum Wire Properties Material Hard drawn aluminum wire Diameter Of AL Wire 12/3.193 Min. Tensile Strength 160N/mm2 Resistivity at 20℃ ≪0.028264 Elongation in 10 in 1.6% Steel Wire Properties	12/3.193+7/3.193 Invoice No. 20230107004 Date Item Standards and Requirements Structure Number Of AL Wire 12 12 Number Of Steel Wire 7 7 Diameter Of Conductor 15.965±10% 15.976 20°C Max D.C Resistance ≪0.1995 Ω /km 0.1906 The direction of outer layer Right- handed Right- handed Surface Of Conductor Surface Shall Be Smooth, Stranded Compactly, No Missing, Broken, Jumping or Loosing Strands. Aluminum Wire Properties Material Hard drawn aluminum wire aluminum wire Hard drawn aluminum wire Diameter Of AL Wire 12/3.193 12/3.193 Min. Tensile Strength 160N/mm2 176 Resistivity at 20°C ≪0.028264 0.027786 Elongation in 10 in 1.6% 3%	

Hangzhou Easy Electric Wire and Cable Co.,LTD

4-2	Min. Tensile Strength	315N/mm2	360	Qualified
4-4	Elongation	≥3%	4.6%	Qualified

Tested by: Shaoqiong He

Checked by: Guohui Xu

杭州益睿电线电缆有限公司 BANGZHOU EASY ELECTRIC VIRE AND CABLE CO., LTD.