

Hangzhou Easy Electric Wire and Cable Co.,LTD

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

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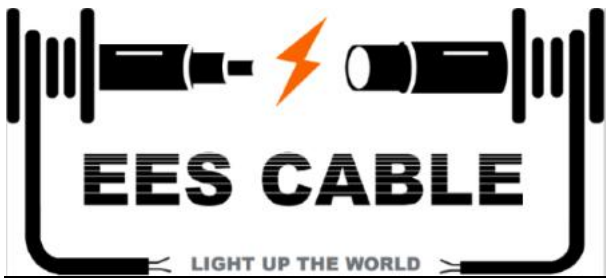
ACS TEST RECORDS

NO.:	1W40-10	Code :	ACS 7No.12 AWG				Date		2022.8.20		Inspector: YouYou Cai Approved By: QiuRui Xu			
Material	Diameter mm	Original Gauge mm	Force at 1% extension N	Stress at 1% Extension N/mm2	Maximum force N	Tensile Strength N/mm2	Gauge after broken mm	Elongation (After fracture) %	Torsion 次/time	Room T °C	Conversion Factor	Resistance Ω	20°C Resistivity at 20°C Ωmm2/m	minimum aluminum thickness mm
铝包钢 ACS Wire	2.060	250	4531	1359	5089	1527	253	1.2%	25	21.2	0.9957	0.02326	0.07719	0.11
	2.050				4950	1500								
	2.040				4920	1505								
	2.050				4910	1488								
	2.040				4945	1513								
	2.050				4965	1504								
	2.050				4955	1501								
Aluminum-clad steel			Lay ratio of aluminum-clad				Linear density kg/km	DC resistance at 20 °C Ω/KM	O.D.	Lay direction of outmost layer			Appearance and quality	
No./diameter			6 layer	12 layer	18 layer	6.12			Left			Pass		
7/2.05			14.14	/	/	154								

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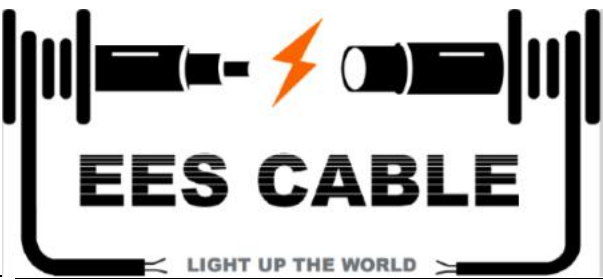
ACS TEST RECORDS

NO.:	1W40-19	Code :	ACS 7No.12 AWG			Date		2022.8.18		Inspector: YouYou Cai Approved By: QiuRui Xu				
Material	Diameter mm	Original Gauge mm	Force at 1% extension N	Stress at 1% Extension N/mm2	Maximum force N	Tensile Strength N/mm2	Gauge after broken mm	Elongation (After fracture) %	Torsion 次/time	Room T °C	Conversion Factor	Resistance Ω	20°C Resistivity at 20°C Ωmm2/m	minimum aluminum thickness mm
ACS Wire	2.050	250	4371	1324	4515	1368	253	1.2%	31	22	0.9929	0.02369	0.07763	0.11
	2.040				4536	1388								
	2.050				4536	1374								
	2.050				4551	1379								
	2.040				4516	1382								
	2.050				4556	1380								
	2.050				4536	1374								
Aluminum-clad steel		Lay ratio of aluminum-clad				Linear density kg/km	DC resistance at 20 °C Ω/KM	O.D.	Lay direction of outmost layer			Appearance and quality		
No./diameter		6 layer	12 layer	18 layer	6.16				Left	Pass				
7/2.05		14.12	/	/							152	3.340		

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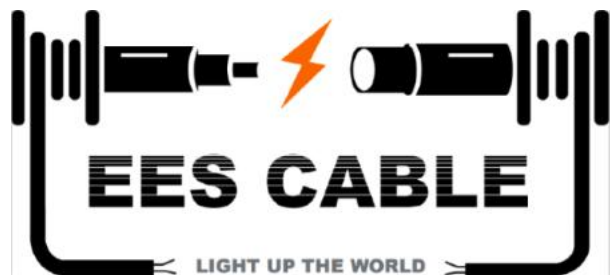
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ACS TEST RECORDS

NO.:	W70-4	Code :	ACS 7No.12 AWG			Date		2022.8.18		Inspector: YouYou Cai Approved By: QiuRui Xu				
Material	Diameter mm	Original Gauge mm	Force at 1% extension N	Stress at 1% Extention N/mm2	Maximum force N	Tensile Strength N/mm2	Gauge after broken mm	Elongation (After fracture) %	Torsion 次/time	Room T °C	Conversion Factor	Resistance Ω	20°C Resistivity at 20°C Ωmm2/m	minimum aluminum thickness mm
ACS Wire	2.050	250	4322	1309	4840	1466	253	1.2%	31	24.4	0.9844	0.02306	0.07493	0.11
	2.040				4870	1490								
	2.050				4860	1472								
	2.050				4870	1475								
	2.050				4890	1482								
	2.040				4905	1501								
	2.050				4860	1472								
Aluminum-clad steel			Lay ratio of aluminum-clad				Linear density kg/km	DC resistance at 20 °C Ω/KM	O.D.	Lay direction of outmost layer			Appearance and quality	
No./diameter			6 layer	12 layer	18 layer	6.14				Left	Pass			
7/2.05			13.49	/	/									



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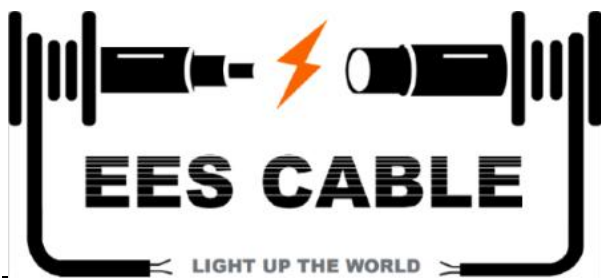
ACS TEST RECORDS

NO.:	W70-22	Code :	ACS 7No.12 AWG				Date		2022.9.1		Inspector: YouYou Cai Approved By: QiuRui Xu				
Material	Diameter mm	Original Gauge mm	Force at 1% extension N	Stress at 1% Extention N/mm2	Maximum force N	Tensile Strength N/mm2	Gauge after broken mm	Elongation (After fracture) %	Torsion 次/time	Room T °C	Conversion Factor	Resistance Ω	20°C Resistivity at 20°C Ωmm2/m	minimum aluminum thickness mm	
ACS Wire	2.075	250	4451	1316	5129	1517	253	1.2%	30	21.5	0.9946	0.02324	0.07817	0.11	
	2.050				4921	1491									
	2.060				4931	1479									
	2.065				4890	1460									
	2.080				4965	1461									
	2.080				4930	1451									
	2.075				4900	1449									
Aluminum-clad steel			Lay ratio of aluminum-clad				Linear density kg/km	DC resistance at 20 °C Ω/KM	O.D.	Lay direction of outmost layer			Appearance and quality		
No./diameter			6 layer	12 layer	18 layer	6.20				Left			Pass		
7/2.05			13.82	/	/										156

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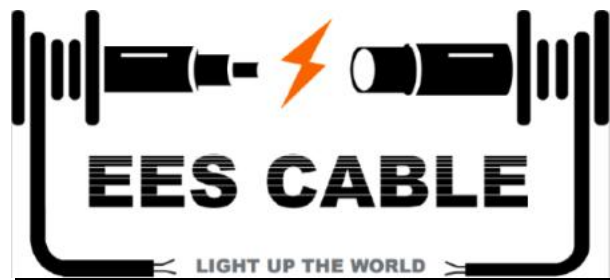
ACS TEST RECORDS

NO.:	W70-42	Code :	ACS 7No.12 AWG				Date		2022.9.2		Inspector: YouYou Cai Approved By: QiuRui Xu				
Material	Diameter mm	Original Gauge mm	Force at 1% extension N	Stress at 1% Extension N/mm2	Maximum force N	Tensile Strength N/mm2	Gauge after broken mm	Elongation (After fracture) %	Torsion 次/time	Room T °C	Conversion Factor	Resistance Ω	20°C Resistivity at 20°C Ωmm2/m	minimum aluminum thickness mm	
ACS Wire	2.060	250	4387	1316	4935	1481	253	1.2%	29	22.8	0.9900	0.02382	0.07860	0.11	
	2.040				4676	1431									
	2.050				4770	1445									
	2.050				4656	1411									
	2.050				4646	1408									
	2.040				4395	1345									
	2.050				4680	1418									
Aluminum-clad steel			Lay ratio of aluminum-clad				Linear density kg/km	DC resistance at 20 °C Ω/KM	O.D.	Lay direction of outmost layer			Appearance and quality		
No./diameter			6 6 layer	12 layer	18 layer					6.14	Left			Pass	
7/2.05			13.65	/	/		156	3.251							

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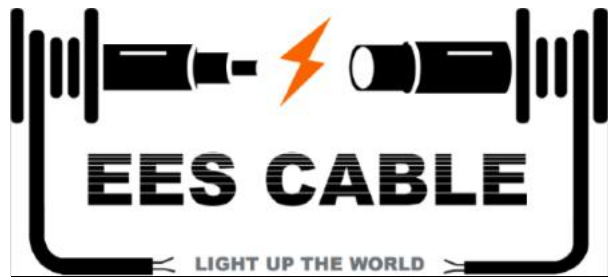
ACS TEST RECORDS

NO.:	W70-52	Code :	ACS 7No.12 AWG			Date		2022.9.3		Inspector: YouYou Cai Approved By: QiuRui Xu				
Material	Diameter mm	Original Gauge mm	Force at 1% extension N	Stress at 1% Extention N/mm2	Maximum force N	Tensile Strength N/mm2	Gauge after broken mm	Elongation (After fracture) %	Torsion 次/time	Room T °C	Conversion Factor	Resistance Ω	20°C Resistivity at 20°C Ωmm2/m	minimum aluminum thickness mm
ACS Wire	2.060	250	4392	1318	4925	1478	253	1.2%	27	23.5	0.9876	0.02387	0.07857	0.11
	2.040				4885	1495								
	2.050				4865	1474								
	2.050				4975	1507								
	2.050				4785	1450								
	2.050				4860	1472								
	2.060				4830	1449								
Aluminum-clad steel			Lay ratio of aluminum-clad				Linear density kg/km	DC resistance at 20 °C Ω/KM	O.D.	Lay direction of outmost layer			Appearance and quality	
No./diameter			6 layer	12 layer	18 layer	6.16				Left			Pass	
7/2.05			13.81	/	/		152.8	3.255						

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ACS TEST RECORDS

NO.:	W70-69	Code :	ACS 7No.12 AWG			Date		2022.9.5		Inspector: YouYou Cai Approved By: QiuRui Xu				
Material	Diameter mm	Original Gauge mm	Force at 1% extension N	Stress at 1% Extention N/mm2	Maximum force N	Tensile Strength N/mm2	Gauge after broken mm	Elongation (After fracture) %	Torsion 次/time	Room T °C	Convert Factor	Resistance Ω	20°C Resistivity at 20°C Ωmm2/m	minimum aluminum thickness mm
ACS Wire	2.065	250	4222	1261	4820	1439	253	1.2%	29	24.8	0.9830	0.02365	0.07786	0.11
	2.050				4980	1509								
	2.070				4890	1453								
	2.080				4865	1432								
	2.060				4740	1422								
	2.060				4910	1473								
	2.050				4850	1469								
Aluminum-clad steel			Lay ratio of aluminum-clad			Linear density kg/km	DC resistance at 20 °C Ω/KM	O.D.	Lay direction of outmost layer			Appearance and quality		
No./diameter			6 layer	12 layer	18 layer				6.18	Left			Pass	
7/2.05			13.98	/	/									

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