

LiHH LSZH Control Cable



Eland Product Group: A5L

APPLICATION

LSZH (Low Smoke Zero Halogen) electronic cables are used for connection and signal transfer in measuring and control equipment. For indoor installation in dry and wet rooms, for installation under plaster.

CHARACTERISTICS

Voltage Rating
250/250V

Temperature Rating
Fixed: -40°C to +70°C
Flexed: +5°C to +70°C

Minimum Bending Radius
Fixed: 7.5 x overall diameter

CONSTRUCTION

Conductor
Generally to Class 5 fine-stranded copper conductor

Insulation
LSZH (Low Smoke Zero Halogen)

Sheath
LSZH (Low Smoke Zero Halogen)

Core Identification

Core 1: ○ White	Core 14: ● Brown/Green
Core 2: ● Brown	Core 15: ● White/Yellow
Core 3: ● Green	Core 16: ● Yellow/Brown
Core 4: ● Yellow	Core 17: ● White/Grey
Core 5: ● Grey	Core 18: ● Grey/Brown
Core 6: ● Pink	Core 19: ● White/Pink
Core 7: ● Blue	Core 20: ● Pink/Brown
Core 8: ● Red	Core 21: ● White/Blue
Core 9: ● Black	Core 22: ● Brown/Blue
Core 10: ● Violet	Core 23: ● White/Red
Core 11: ● Grey/Pink	Core 24: ● Brown/Red
Core 12: ● Red/Blue	Core 25: ● White/Black
Core 13: ● White/Green	

Outer Sheath Colour
● Grey

STANDARDS

IEC/EN 60754-1/2, IEC/EN 61034-1/2

Flame Retardant according to IEC/EN 60332-1-2

THE CABLE LAB®

AN ISO/IEC 17025 AND IECCE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A5LH200014	2	0.14	3.3	13
A5LH200025	2	0.25	3.6	20
A5LH200034	2	0.34	4.3	26
A5LH200050	2	0.5	4.5	30
A5LH20075	2	0.75	5.2	40
A5LH2010	2	1	5.8	50
A5LH2015	2	1.5	7	59
A5LH300014	3	0.14	3.5	16
A5LH300025	3	0.25	3.8	23
A5LH300034	3	0.34	4.5	30
A5LH300050	3	0.5	4.8	36
A5LH30075	3	0.75	5.5	54
A5LH3010	3	1	6.1	57
A5LH3015	3	1.5	7.4	72
A5LH400014	4	0.14	3.7	18
A5LH400025	4	0.25	4.1	27
A5LH400034	4	0.34	4.8	38
A5LH400050	4	0.5	5.2	44
A5LH40075	4	0.75	6.1	60
A5LH4010	4	1	6.6	67
A5LH4015	4	1.5	8	87
A5LH500014	5	0.14	4.1	22
A5LH500025	5	0.25	4.5	32
A5LH500034	5	0.34	5.3	44
A5LH500050	5	0.5	6.1	57
A5LH50075	5	0.75	6.7	73
A5LH5010	5	1	7.5	82
A5LH600014	6	0.14	4.2	25
A5LH600025	6	0.25	4.9	39
A5LH700014	7	0.14	4.4	26
A5LH700025	7	0.25	5	41
A5LH700034	7	0.34	6.1	59
A5LH700050	7	0.5	6.4	71
A5LH70075	7	0.75	7.3	91
A5LH800014	8	0.14	4.8	30
A5LH800025	8	0.25	6.4	50
A5LH800034	8	0.34	6.2	65
A5LH10014	10	0.14	5.5	36
A5LH10025	10	0.25	6.3	58
A5LH10034	10	0.34	7.7	80
A5LH10050	10	0.5	8.3	101
A5LH10075	10	0.75	9.5	137
A5LH12014	12	0.14	6.1	44
A5LH12025	12	0.25	6.5	66
A5LH12034	12	0.34	7.9	94
A5LH12050	12	0.5	8.6	117
A5LH12075	12	0.75	10.2	166
A5LH15014	15	0.14	6.5	57



ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A5LH15025	15	0.25	7.3	80
A5LH15034	15	0.34	8.8	115
A5LH15050	15	0.5	9.5	145
A5LH16025	16	0.25	7.4	85
A5LH18014	18	0.14	6.9	65
A5LH18025	18	0.25	7.9	95
A5LH18034	18	0.34	9.6	135
A5LH18050	18	0.5	10.5	171
A5LH20014	20	0.14	7.8	73
A5LH21014	21	0.14	7.9	76
A5LH21025	21	0.25	8.6	105
A5LH21034	21	0.34	10.4	154
A5LH21050	21	0.5	11.3	197
A5LH25014	25	0.14	8.3	90
A5LH25025	25	0.25	9.2	130
A5LH25034	25	0.34	11.4	180
A5LH25050	25	0.5	12.4	230

More types on enquiry

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.