

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

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved prod



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 and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.





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



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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.