LiHH LSZH IEC 60754 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.

CONSTRUCTION

Conductor
Fine-stranded copper conductor

Insulation
PE (Polyethylene) Type 2YI1 according to VDE 0207

Sheath
FRNC (Flame Retardant Non Corrosive) Type HM2 according to VDE 0207

CHARACTERISTICS

Voltage Rating
350V

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

Minimum Bending Radius
Fixed: 7.5 x overall diameter

Operating Capacity
70nF/km

Sheath Colour
Grey

CABLE STANDARDS

VDE 0482-266-2-4/IEC 60332-3-24,
DIN EN/IEC 61034, DIN EN 50267, IEC 60754

The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

Core Identification

Core 1:	White	Core 26:	Brown/Black
Core 2:	Brown	Core 27:	Grey/Green
Core 3:	Green	Core 28:	Yellow/Grey
Core 4:	Yellow	Core 29:	Pink/Green
Core 5:	Grey	Core 30:	Yellow/Pink
Core 6:	Pink	Core 31:	Green/Blue
Core 7:	Blue	Core 32:	Yellow/Blue
Core 8:	Red	Core 33:	Green/Red
Core 9:	Black	Core 34:	Yellow/Red
Core 10:	Violet	Core 35:	Green/Black
Core 11:	Grey/Pink	Core 36:	Yellow/Black
Core 12:	Red/Blue	Core 37:	Grey/Blue
Core 13:	White/Green	Core 38:	Pink/Blue
Core 14:	Brown/Green	Core 39:	Grey/Red
Core 15:	White/Yellow	Core 40:	Pink/Red
Core 16:	Yellow/Brown	Core 41:	Grey/Black
Core 17:	White/Grey	Core 42:	Pink/Black
Core 18:	Grey/Brown	Core 43:	Blue/Black
Core 19:	White/Pink	Core 44:	Red/Black
Core 20:	Pink/Brown	Core 45:	White/Brown/Black
Core 21:	White/Blue	Core 46:	Yellow/Green/Black
Core 22:	Brown/Blue	Core 47:	Grey/Pink/Black
Core 23:	White/Red	Core 48:	Red/Blue/Black
Core 24:	Brown/Red	Core 49:	White/Green/Black
Core 25:	White/Black	Core 50:	Brown/Green/Black

ISSUE NO 01-03 -2014

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm²	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

More types on enquiry

ISSUE NO 01-03 -2014

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ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A5LH15014	15	0.14	6.5	57
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
A5LH30014	30	0.14	8.8	98
A5LH30050	30	0.5	13.1	269
A5LH34014	34	0.14	9.2	111
A5LH34025	34	0.25	10.8	168
A5LH34034	34	0.34	12.8	233
A5LH34050	34	0.5	13.8	301
A5LH40014	40	0.14	10.4	139
A5LH40025	40	0.25	11.4	196
A5LH40034	40	0.34	13.7	272
A5LH40050	40	0.5	15.2	365
A5LH50014	50	0.14	12.5	764

ISSUE NO 01-03 -2014

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.