

LiHCH Screened LSZH Cable



Eland Product Group: V63

APPLICATION

For signal transmission between electronic devices, in computer systems or process control units with requirements to electromagnetic compatibility.

CHARACTERISTICS

Voltage Rating
250V

Temperature Rating
Fixed: -30°C to +70°C

Minimum Bending Radius
Fixed: 7.5 x overall diameter
Fixed: 15 x overall diameter

CONSTRUCTION

Conductor
Generally to Class 5 flexible stranded copper

Insulation
LSZH (Low Smoke Zero Halogen)

Screen
TCWB (Tinned Copper Wire Braid)

Outer 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	

Sheath Colour
● Grey

STANDARDS

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

Flame Retardant according to: IEC/EN 60332-1

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE 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 2015/86/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
V6302222GR000	2	0.14	4.1	22
V6302232GR000	2	0.25	4.7	24
V6302242GR000	2	0.34	5.1	30
V6302002GR000	2	0.5	5.8	38
V6302012GR000	2	0.75	6.2	45
V6302022GR000	2	1	6.5	72
V6302032GR000	2	1.5	7.7	90
V6303222GR000	3	0.14	4.3	25
V6303232GR000	3	0.25	4.9	29
V6303242GR000	3	0.34	5.3	33
V6303002GR000	3	0.5	6.1	47
V6303012GR000	3	0.75	6.5	60
V6303022GR000	3	1	7	90
V6303032GR000	3	1.5	8.1	115
V6304222GR000	4	0.14	4.5	28
V6304232GR000	4	0.25	5.2	35
V6304242GR000	4	0.34	5.9	59
V6304002GR000	4	0.5	6.5	62
V6304012GR000	4	0.75	7.2	92
V6304022GR000	4	1	7.5	109
V6304032GR000	4	1.5	8.7	153
V6305222GR000	5	0.14	4.8	32
V6305232GR000	5	0.25	5.8	41
V6305242GR000	5	0.34	6.4	56
V6305002GR000	5	0.5	7.2	76
V6305012GR000	5	0.75	7.8	97
V6305022GR000	5	1	8.2	126
V6305032GR000	5	1.5	9.5	176
V6306222GR000	6	0.14	5.1	35
V6306232GR000	6	0.25	6.2	49
V6306242GR000	6	0.34	7	59
V6306002GR000	6	0.5	7.8	84
V6307222GR000	7	0.14	5.2	39
V6307232GR000	7	0.25	6.3	51
V6307242GR000	7	0.34	7.1	75
V6307002GR000	7	0.5	7.9	86
V6307012GR000	7	0.75	8.5	120
V6307022GR000	7	1	8.8	171
V6307032GR000	7	1.5	10.7	220
V6308222GR000	8	0.14	6	41
V6308232GR000	8	0.25	7.3	58
V6308242GR000	8	0.34	8	84
V6308002GR000	8	0.5	8.9	135
V6310222GR000	10	0.14	6.4	54
V6310232GR000	10	0.25	7.7	81
V6310242GR000	10	0.34	8.9	106
V6310002GR000	10	0.5	9.5	129
V6310012GR000	10	0.75	10.7	169



ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
V6312222GR000	12	0.14	6.8	74
V6312232GR000	12	0.25	7.9	117
V6312242GR000	12	0.34	9.1	133
V6312002GR000	12	0.5	9.8	148
V6312012GR000	12	0.75	11.1	196
V6316222GR000	16	0.14	7.2	90
V6316232GR000	16	0.25	8.6	124
V6316242GR000	16	0.34	9.6	160
V6318002GR000	25	0.14	9.4	135
V6318012GR000	25	0.25	10.9	161
V6325222GR000	25	0.34	12.5	232
V6325232GR000	18	0.5	11.7	210
V6325242GR000	18	0.75	12.7	327
V6325002GR000	25	0.5	13.9	319
V6325012GR000	25	0.75	15.5	454

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.