
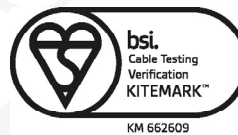


ELAND
CABLES **Veriflex® CY LSZH (HSLCH) Control Cable**

Eland Product Group: V13

APPLICATION

Veriflex® low smoke halogen-free flexible screened cable for instrumentation and control equipment in tooling machinery, production lines, and flexible applications with free movement without tensile load. Suitable for use in dry, ambient and wet rooms. The screen protects against external interference pulses for interference-free transmission. These cables are not used for outdoor or underground installation.

CHARACTERISTICS**Voltage Rating**
300/500V**Temperature Rating**
Fixed: -40°C to +80°C
Flexed: -15°C to +70°C**Minimum Bending Radius**
Fixed: 6 x overall diameter
Flexed: 15 x overall diameter**CONSTRUCTION****Conductor**
Class 5 flexible plain copper**Insulation**
LSZH (Low Smoke Zero Halogen)**Separator**
PET (Polyester Tape)**Screen**
TCWB (Tinned Copper Wire Braid)**Sheath**
LSZH (Low Smoke Zero Halogen)**Core Identification**
● Black with ○ White number
From 3 cores: ● Black with ○ White number + ● Green/Yellow
Colour-coded cores available upon request**Sheath Colour**
● Grey**BSI KITEMARK™ TESTED**

Cables are tested and verified by The Cable Lab® to confirm they meet the quality standards required of the BSI Cable Testing Verification Kitemark™.

STANDARDS

VDE 0207-303-7,

Flame Retardant according to IEC/EN 60332-1-2,
IEC/EN 60332-3-24
Low Smoke Zero Halogen according to IEC/EN 60754-1/2,
IEC/EN 61034-2**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 2015/65/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 THICKNESS OF INSULATION mm	NOMINAL OUTER SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
V1302001GR000	2	0.5	0.40	0.8	5.4	42
V1302011GR000	2	0.75	0.40	0.9	6.1	54
V1302021GR000	2	1	0.40	0.9	6.5	62
V1302031GR000	2	1.5	0.40	0.9	7.1	76
V1303001GR000	3	0.5	0.40	0.8	5.8	52
V1303011GR000	3	0.75	0.40	0.9	6.4	67
V1303021GR000	3	1	0.40	0.9	6.8	77
V1303031GR000	3	1.5	0.40	0.9	7.5	100
V1303041GR000	3	2.5	0.50	1	9	149
V1304001GR000	4	0.5	0.40	0.8	6.2	66
V1304011GR000	4	0.75	0.40	0.9	6.9	84
V1304021GR000	4	1	0.40	0.9	7.4	98
V1304031GR000	4	1.5	0.40	0.9	8.1	124
V1304041GR000	4	2.5	0.50	1.1	10	193
V1304051GR000	4	4	0.60	1.2	11.9	288
V1304061GR000	4	6	0.65	1.3	13.5	392
V1304071GR000	4	10	0.75	1.5	17.1	638
V1304081GR000	4	16	0.75	1.6	20.4	921
V1304091GR000	4	25	0.90	1.8	24.4	1378
V1304101GR000	4	35	0.95	1.9	28	1832
V1305001GR000	5	0.5	0.40	0.8	6.7	78
V1305011GR000	5	0.75	0.40	0.9	7.4	99
V1305021GR000	5	1	0.40	0.9	8	118
V1305031GR000	5	1.5	0.40	1	9	155
V1305041GR000	5	2.5	0.50	1.1	10.8	231
V1305051GR000	5	4	0.6	1.2	12.9	337
V1305061GR000	5	6	0.65	1.3	14.8	463
V1305071GR000	5	10	0.75	1.5	18.7	758
V1305081GR000	5	16	0.75	1.7	22.6	1137
V1305091GR000	5	25	0.90	1.9	27	1699
V1307001GR000	7	0.5	0.40	0.8	7.2	95
V1307011GR000	7	0.75	0.40	0.9	8	123
V1307021GR000	7	1	0.40	1	8.8	151
V1307031GR000	7	1.5	0.40	1	9.7	194
V1307041GR000	7	2.5	0.50	1.1	11.7	294
V1312001GR000	12	0.5	0.40	1	9.6	157
V1312011GR0000	12	0.75	0.40	1	10.4	196
V1312021GR000	12	1	0.40	1.1	11.4	240
V1312031GR000	12	1.5	0.40	1.2	12.9	320
V1318011GR000	18	0.75	0.40	1.2	12.4	285
V1318021GR000	18	1	0.40	1.2	13.4	344
V1318031GR000	18	1.5	0.40	1.3	15.1	458
V1325011GR000	25	0.75	0.40	1.3	14.8	387
V1325021GR000	25	1	0.40	1.3	16	467
V1325031GR000	25	1.5	0.40	1.4	18.1	624

Click here for more information:

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ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	CURRENT CARRYING CAPACITIES 30°C CONTINUOUS LOADING A	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
0.5	9	39
0.75	12	26
1	15	19.5
1.5	18	13.3
2.5	26	7.98
4	34	4.95
6	44	3.3
10	61	1.91
16	82	1.21
25	108	0.780
35	135	0.554

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.