

## YSLCY 0.6/1kV Black Cable



Eland Product Group: V43

### APPLICATION

Flexible power, process control and instrumentation cable for industry, machinery and outdoor environment with increased requirements to electromagnetic compatibility. The YSLCY cable is resistant against most usual chemicals, oil and grease. This cable is suitable for indoor and outdoor application.

### CHARACTERISTICS

**Voltage Rating** U<sub>o</sub>/U  
0.6/1kV

**Temperature Rating**

Fixed: -20°C to +70°C  
Installation: -5°C to +70°C

**Minimum Bending Radius**

Fixed: 5 x overall diameter  
Flexed: 10 x overall diameter

### CONSTRUCTION

**Conductor**

Class 5 flexible stranded bare copper

**Insulation**

PVC (Polyvinyl Chloride)

**Screen**

Copper Braided 70% Coverage

**Outer Sheath**

Special PVC Compound (Polyvinyl Chloride)

**Core Identification**

● Black with numbers + ● Green/Yellow

**Outer Sheath Colour**

● Black

### STANDARDS

VDE 0482-332-1-2, BS EN 60881-404  
Fire Retardant according to BS EN/IEC 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



8578



FS 672069



EMS 672067

OHS 672066

### REGULATORY COMPLIANCE

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™.



RM 634267



## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT mm
V4303011BK000	3	0.75	9	155
V4303021BK000	3	1	11.2	196
V4303031BK000	3	1.5	10.9	187
V4303041BK000	3	2.5	13.5	326
V4303051BK000	3	4	15.1	391
V4304011BK000	4	0.75	11.4	214
V4304021BK000	4	1	11.8	231
V4304031BK000	4	1.5	12.2	265
V4304041BK000	4	2.5	14.6	379
V4304051BK000	4	4	16.7	557
V4304061BK000	4	6	18.7	723
V4304071BK000	4	10	21.9	1267
V4304081BK000	4	16	26.4	1763
V4304091BK000	4	25	32.5	2750
V4304101BK000	4	35	35.7	3497
V4304111BK000	4	50	41.1	4937
V4304121BK000	4	70	48	7480
V4304131BK000	4	95	51.2	10220
V4305011BK000	5	0.75	12.1	250
V4305021BK000	5	1	12.6	270
V4305031BK000	5	1.5	13.3	289
V4305041BK000	5	2.5	15.7	471
V4305051BK000	5	4	18.6	695
V4305061BK000	5	6	20.7	984
V4305071BK000	5	10	24.1	1635
V4305081BK000	5	16	28.8	2720
V4305091BK000	5	25	35.7	3490
V4307011BK000	7	0.75	13	319
V4307021BK000	7	1	14.5	289
V4307031BK000	7	1.5	16	416
V4307041BK000	7	2.5	17.9	590
V4312011BK000	12	0.75	15.8	437
V4312021BK000	12	1	17.4	493
V4312031BK000	12	1.5	19.6	641
V4312041BK000	12	2.5	21.9	897
V4318011BK000	18	0.75	18	588
V4318021BK000	18	1	20.7	658
V4318031BK000	18	1.5	23.4	872
V4318041BK000	18	2.5	26.1	1355
V4325011BK000	25	0.75	22.8	746
V4325021BK000	25	1	24.8	870
V4325031BK000	25	1.5	28.2	1211
V4325041BK000	25	2.5	31.9	1995

## ELECTRICAL CHARACTERISTICS

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA	CONDUCTOR RESISTANCE $\Omega/Km$	BENDING RADIUS, FIXED INSTALLATION mm
3	0.75	26	90
3	1	19.5	112
3	1.5	13.3	109
3	2.5	7.98	135
3	4	4.95	151
4	0.75	26	114
4	1	19.5	118
4	1.5	13.3	122
4	2.5	7.98	146
4	4	4.95	167
4	6	3.3	187
4	10	1.91	219
4	16	1.21	264
4	25	0.78	325
4	35	0.554	357
4	50	0.386	411
4	70	0.272	480
4	95	0.206	512
5	0.75	26	121
5	1	19.5	126
5	1.5	13.3	133
5	2.5	7.98	157
5	4	4.95	186
5	6	3.3	207
5	10	1.91	241
5	16	1.21	288
5	25	0.78	357
7	0.75	26	130
7	1	19.5	145
7	1.5	13.3	160
7	2.5	7.98	179
12	0.75	26	158
12	1	19.5	174
12	1.5	13.3	196
12	2.5	7.98	219
18	0.75	26	180
18	1	19.5	207
18	1.5	13.3	234
18	2.5	7.98	261
25	0.75	26	228
25	1	19.5	248
25	1.5	13.3	282
25	2.5	7.98	319

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.