

 **Veriflex® YSLYCY 0.6/1kV Black Cable**

Eland Product Group: V43

APPLICATION

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

CHARACTERISTICS

Voltage Rating Uo/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)

Bedding
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

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 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

**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™.





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	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

NOMINAL CROSS SECTIONAL AREA	CONDUCTOR RESISTANCE Ω/Km
0.75	26
1	19.5
1.5	13.3
2.5	7.98
4	4.95
6	3.3
10	1.91
16	1.21
25	0.78
35	0.554
50	0.386
70	0.272
95	0.206

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.