

2XSLCHRH 0.6/1kV Cable



APPLICATION

Double screened LSZH low capacitance motor supply cable for frequency converters. The screen protects against external interference pulses and ensures an interference-free transmission. Suitable for outdoor application, direct burial, and for use on tray or in trunking.

CHARACTERISTICS

Nominal Voltage

0.6/1kV

Test Voltage

3.5kV

Temperature Range

-40°C to +90°C

Max. Conductor temperature during short circuit: +250°C

Minimum Bending Radius

12 x overall diameter

CONSTRUCTION

Conductor

Class 5 Flexible Stranded Copper

Insulation

XLPE (Cross-Linked Polyethylene)

Overall Screen

Al/PET (Aluminium Polyester) Tape

Metallic Braid

Tinned Copper Wires

Inner Sheath

LSZH (Low Smoke Zero Halogen)

Armour

SWA (Galvanised Steel Wire)

Outer Sheath

LSZH (Low Smoke Zero Halogen) ST8

Outer Sheath Colour

● Black

STANDARDS

IEC 60502-1, IEC 60228
 Flame Retardant IEC 60332-1, IEC 60332-3-24
 Low Smoke Halogen Free to: IEC 60754-1/2, VDE 0482
 P267-2-1/2, DIN EN 50267-2-1/2, IEC 61034-1/-2,
 VDE 0482 P268-1/-2, DIN EN 50268-1/-2
 UV Resistance ISO 4892-2 / ISO 4892-3
 Oil Resistance ASTM NO: 2 (4h 70°C)
 Hydrocarbon resistant

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 2015/853/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].



DIMENSIONS & ELECTRICAL CHARACTERISTICS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL DIAMETER UNDER ARMOUR mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km	MAX. CONDUCTOR RESISTANCE DC AT 20°C ohm/km
A7HSWA03015LS	3+3	1.5 + 0.25	10.80	16.80	530	13.3/76
A7HSWA03025LS	3+3	2.5 + 0.5	12.00	18.00	620	7.98/39
A7HSWA03040LS	3+3	4 + 0.75	13.00	19.00	707	4.95/26
A7HSWA03060LS	3+3	6 + 1	14.00	20.00	824	3.3/19.5
A7HSWA0310LS	3+3	10 + 1.5	15.70	22.40	1122	1.91/13.3
A7HSWA0316LS	3+3	16 + 2.5	18.10	24.80	1424	1.21/7.98
A7HSWA0325LS	3+3	25 + 4	21.40	28.20	1905	0.78/4.95
A7HSWA0335LS	3+3	35 + 6	26.50	35.10	2764	0.554/3.3
A7HSWA0350LS	3+3	50 + 10	29.40	38.20	3503	0.386/1.91
A7HSWA0370LS	3+3	70 + 10	35.50	45.80	5001	0.272/1.91
A7HSWA0395LS	3+3	95 + 16	40.00	50.60	6189	0.206/1.21
A7HSWA03120LS	3+3	120 + 16	43.50	54.30	7191	0.161/1.21
A7HSWA03150LS	3+3	150 + 25	48.90	60.10	8812	0.129/0.78
A7HSWA03185LS	3+3	185 + 35	54.80	66.40	10511	0.106/0.554
A7HSWA03240LS	3+3	240 + 50	60.80	75.20	14291	0.0801/0.386
A7HSWA04015LS	4	1.5	9.90	15.20	428	13.3
A7HSWA04025LS	4	2.5	10.90	16.9	558	7.41
A7HSWA04040LS	4	4	12.20	18.1	687	4.61
A7HSWA04060LS	4	6	13.60	19.70	814	3.3
A7HSWA0410LS	4	10	16.20	22.4	1071	1.83
A7HSWA0416LS	4	16	18.80	24.5	1490	1.15
A7HSWA0425LS	4	25	23.20	30.10	2112	0.78
A7HSWA0435LS	4	35	28.40	37.10	3042	0.554
A7HSWA0450LS	4	50	32.30	41.40	3870	0.386
A7HSWA0470LS	4	70	38.50	49.00	5607	0.272
A7HSWA0495LS	4	95	43.60	54.40	6837	0.206
A7HSWA04120LS	4	120	47.00	58.10	8083	0.161
A7HSWA04150LS	4	150	53.00	64.50	9749	0.129
A7HSWA04185LS	4	185	59.90	73.50	12462	0.106

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.