

## UX 0.6/1kV Earth Cable



Eland Product Group: ASH

### APPLICATION

Insulated conductor for earthing and bonding services. MUD resistant in accordance with NEK TS 606.

### CHARACTERISTICS

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

**Temperature Rating**  
+90°C

### CONSTRUCTION

#### Conductor

Class 2 stranded tinned copper conductor

#### Insulation

SHF2 compound

#### Insulation Colour

Green/Yellow

### STANDARDS

NEK 606

### THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECCE 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](https://www.elandcables.com/company/about-us/esg-sustainability)



### REGULATORY COMPLIANCE

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<sup>®</sup>.





## DIMENSIONS

ELAND PART NO.	NO. OF STRANDS	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	THICKNESS OF INSULATION mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
ASHN0010	7/0.43	1	1	4.8	38
ASHN0015	7/0.53	1.5	1	5.1	46
ASHN0025	7/0.67	2.5	1	5.6	59
ASHN004	7/0.85	4	1	6.2	79
ASHN006	7/1.04	6	1	6.7	101
ASHN010	7/1.35	10	1	7.7	150
ASHN016	7/1.70	16	1	8.8	210
ASHN025	7/2.14	25	1.2	10.8	330
ASHN035	7/2.52	35	1.2	12	440
ASHN050	19/1.78	50	1.4	13.8	580
ASHN070	19/2.14	70	1.6	16.2	820
ASHN095	19/2.52	95	1.6	18.1	1090
ASHN120	37/2.03	120	1.6	19.8	1350
ASHN150	37/2.25	150	1.8	21.9	1650
ASHN185	37/2.52	185	2	24.3	2050
ASHN240	61/2.25	240	2.2	27.5	2670
ASHN300	61/2.52	300	2.4	30.5	3320

## CONDUCTORS

NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	MAXIMUM DIAMETER OF WIRES IN CONDUCTOR mm	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km	
		Class 2	Class 5
0.5	0.9	36.7	40.1
0.75	1.1	24.8	26.7
1	1.3	18.2	20
1.5	1.6	12.2	13.7
2.5	2	7.56	8.21
4	2.6	4.7	5.09
6	3.2	3.11	3.39
10	4.1	1.84	1.95
16	5.2	1.16	1.24
25	6.6	0.734	0.795
35	7.7	0.529	0.565
50	9.1	0.391	0.393
70	10.9	0.27	0.277
95	12.6	0.195	0.210
120	14.2	0.154	0.164
150	15.9	0.126	0.132
185	17.7	0.1	0.108
240	20.2	0.0762	0.0817
300	22.6	0.0607	0.0654

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.