

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.

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

SHF2 compound

CABLE STANDARDS

NEK 606, P15



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Voltage Rating (U_o/U)
600/1000V

Operating Temperature
+90°C

Insulation Colour
Green/Yellow

DIMENSIONS

ELAND PART NO.	NO. OF STRANDS	NOMINAL CROSS SECTIONAL AREA mm ²	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 ²	APPROXIMATE DIAMETER mm	MAXIMUM DC 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.