

# UX 1000V P15

Halogen-free, mud resistant, insulated conductor



## Application

Insulated conductor for earthing and bonding services. Mud resistant in accordance with NEK TS 606:2009.

## Construction

**Conductor** : Tinned, stranded copper, IEC 60228 class 2 PETP-tape.  
**Insulation** : Flame retardant halogen-free thermoset compound, HF90 (IEC 60092-360).  
**Marking text** : E.g. "meter" "year" manufacturer UX 1000V P15 1x 95 mm<sup>2</sup> IEC 332-3-22

## Outer Sheath Colours

**Available colours** : Yellow / Green

## Installation recommendations

**Min. Bending Radius during Installation** : 8xD  
**Min. Pulling Tension** : 25x total cross section of conductors  
**Max. Conductor Operating Temperature** : 90°C

## Standards applied

IEC 60092-353	Design
NEK 606	
IEC 60228 class 2	Conductor
IEC 60332-1	Flame Retardant
IEC 60332-3-22	Flame Retardant
IEC 60754-1,2	Halogen Free
IEC 61034-1,2	Low Smoke

# UX 1000V P15

## Range and Dimensions

Article Code	Conductor area mm <sup>2</sup>	Approx. conductor diameter in mm	Diameter over insulation in mm	Weight of Cable Approx. (Kg/Km)
N11D01C006BAKGG4	6	3,15	5,5	80
N11D01C010BAKGG4	10	4,05	6,5	120
N11D01C016BAKGG4	16	5,15	7,5	180
N11D01C025BAKGG4	25	6,4	9,5	280
N11D01C035BAKGG4	35	7,65	10,5	370
N11D01C050BAKGG4	50	9,00	12,5	520
N11D01C070BAKGG4	70	10,85	14,5	730
N11D01C095BAKGG4	95	12,60	16,5	970
N11D01C120BAKGG4	120	14,20	18,0	1220
N11D01C150BAKGG4	150	15,90	20,0	1520
N11D01C185BAKGG4	185	17,70	22,0	1890
N11D01C240BAKGG4	240	20,15	25,0	2450
N11D01C300BAKGG4	300	22,60	28,0	3090
N11D01C630BAKGG4	630	32,80	38,5	6350

## Electrical value instrumentation cables

Conductor area mm <sup>2</sup>	Max. conductor resistance at 20°C, Ohm/km	Max. conductor resistance at 90°C, Ohm/km	Current rating IEC 60092-352 Table B.4, Ampere	Short circuit rating at 1 second, Ampere
6	3.11	3.97	52	840
10	1.84	2.35	72	1400
16	1.16	1.48	96	2240
25	0.734	0.936	127	3500
35	0.529	0.675	157	4900
50	0.391	0.499	196	7000
70	0.27	0.344	242	9800
95	0.195	0.249	293	13300
120	0.154	0.196	339	16800
150	0.126	0.161	389	21000
185	0.100	0.128	444	25900
240	0.0762	0.0972	522	33600
300	0.0607	0.0774	601	42000
630	0.0286	0.0359	890 dc / 780 ac	88200

### NOTICE

Incore Cables has endeavored to ensure the accuracy of the data in this publication, however we cannot be liable for the consequences of errors or omissions. All data is subject to change without notice. The installer and/or user assumes all liability for the consequences of the installation and/or use of any of our products in contravention of any applicable law, regulation or code.

**T : +31 (0)168 468 100**

**E : sales@incore-cables.com**

**I : www.incore-cables.com**

