

P15 UX 0.6/1kV



Applications :	These cables are flame retardant, low smoke and halogen free, used for earthing and bonding services.
Standards :	IEC 60092-353; IEC 60092-359; IEC 60332-1; IEC 60332-3-22; IEC 60754-1,2; IEC 61034-1,2; NEK 606:2004
Conductors :	Tinned annealed stranded copper to IEC 60228 class 2 or class 5.
Insulation :	Halogen free thermosetting compound, SHF2. When used as protective earth (PE) wire, the cables coloured yellow/green. When used as single wire, the cables coloured off-white, black, red or blue.

Electrical Characteristics :

Nominal Cross Section Area	mm ²	10	16	25	35	50	70
Nominal Conductor Diameter	mm	4	5.1	6.5	7.4	8.7	10.3
Maximum DC Resistant@20°C	Ω/km	1.84	1.16	0.734	0.529	0.391	0.27
Continuous Current Rating@45°C1 Core	A	72	96	127	157	196	242
Short Circuit Current 1s	A	1430	2290	3580	5010	7150	10020
Operating Voltage	KV	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1	0.6/1

Mechanical and Thermal Properties :

Bending Radius : 8×OD (during installation); 6×OD (fixed installed).

Temperature Range : -20°C ~ +90°C.

Dimensions and Weight :

Construction No. of cores×Cross section (mm ²)	Nominal Insulation Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
1×10	2.0	8.2	160
1×16	2.1	9.4	230
1×25	2.4	11.3	350
1×35	2.4	12.4	450
1×50	2.7	14.4	600
1×70	3.0	16.7	840
1×95	3.0	18.6	1110

1×120	3.1	20.3	1360
1×150	3.4	22.4	1660
1×185	3.7	24.9	2080
1×240	4.0	28.1	2690
1×300	4.3	31.0	3330