

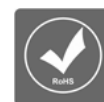
UX 0,6/1 kV

P15

TCu/EVA



Halogen-free, flame retardant. Mud resistant insulated conductor.



Applicable standards:

NEK TS 606 Code P5/P12, IEC 60092-353- Design guidelines

IEC 60228 conductor

IEC 60092-359 Insulating materials

IEC 60332-1, IEC 60332-3-22 Flame retardant

IEC 60754-1,2 Halogen free, IEC 61034-1,2 Low Smoke

CONSTRUCTION		
	Code letter	
Conductor		Tinned annealed stranded circular copper conductor wrapped PETP.
Insulation	U	Halogen-free thermoset compound in accordance with type SHF2.
Unsheathed	X	
Standard marking		TF KABLE 3 UX 1000V P15 (SIZE) IEC 60332-3-22.
Color		Yellow/Green.

FEATURES

- **Maximum conductor operating temperature:** +90°C
- **Maximum conductor temperature during short circuit:** +250°C
- **Lowest ambient temperature for fixed installation:** -40°C
- **Lowest installation temperature:** -15°C
- **Minimum bending radius:**

	Minimum bending radius
During installation	8 D
Fixed installed	6 D

D – overall diameter of cable

- **Flame retardant:** IEC 60332-3-22 (Category A)
- **Smoke emission:** IEC 61034-2
- **Corrosive gas emission:** IEC 60754-1
- **Oil resistance:** IEC 60092-359 SHF2, IRM 902 (100°C/24h)
- **Mud resistance:** NEK 606 (SHF MUD, SHF2)

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APPLICATIONS

- Insulated conductor for earthing and bonding services.
- Meets the MUD resistance requirement in NEK TS 606:2009.
- Other industrial applications.

APPROVAL

DNV GL Certificate No: E14148
ABS 15GD1364421-PDA

Standard length cable packing

1000m on drums. Other forms of packing and delivery are available on request.

Size	Insulation thickness	Diameter over insulation	Approx. weight of cable
Nxmm ²	Inch	Inch	Lb/1000ft
1x6	0,039	0,217	54,424
1x10	0,039	0,256	81,300
1x16	0,039	0,295	122,286
1x25	0,047	0,374	189,476
1x35	0,047	0,413	249,275
1x50	0,055	0,492	350,060
1x70	0,055	0,571	491,159
1x95	0,063	0,650	653,087
1x120	0,063	0,713	820,390
1x150	0,071	0,791	1021,960
1x185	0,079	0,870	1271,907
1x240	0,087	0,988	1649,515
1x300	0,094	1,106	2078,187
1x630	0,110	1,520	4267,237

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