PRAKAB

We Make Modern Life Possible.

MEDIUM VOLTAGE CABLES 10 – 30 KV

A2XS(F)2Y 18/30 kV IEC

XLPE/HDPE medium voltage underground cable, longitudinally water-proof

For fixed installation for high requirements in the ground subject to external effects of moisture, in the open air and in cable ducts for industrial and distribution mains – as permitted by the local building regulations – under severe mechanical stressing during installation and operation.



TECHNICAL DATA

Standard
IEC 60502-2

Certificate
EZÚ Czech Republic

Test Voltage
63 kV / 50 Hz

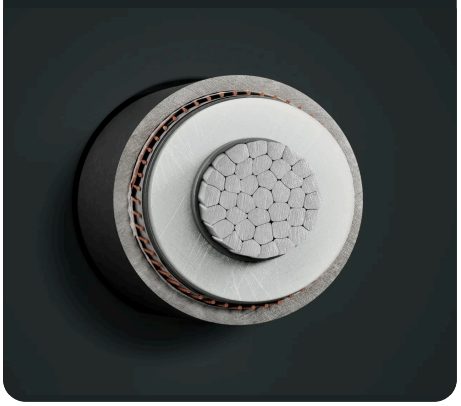
Rated Voltage
18/30 kV (Uo/U)
36 kV (Um)

Bending radius (min.)
15 x Ø of cable

Fire properties
CPR Classification: Fca

Temperature range
Laying temperature: min. -20°C
Operating temperature: -50°C up to 90°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN



1. Aluminium conductor, round stranded compacted (RMk)
2. Inner semi-conductive layer (conductive XLPE)
3. Insulation (XLPE)
4. Outer semi-conductive layer (conductive XLPE)
5. Tape (semi-conducting layer)
6. Metallic screen (copper wires with copper tape)
7. Swelling tape (longitudinal water tightness)
8. Sheath (HDPE black, UV-resistant)

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Number of cores x nominal cross-section / cross-section of screen (mm²)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
1 x 150 RM / 25	0.206	319	366	41.1	1551
1 x 185 RM / 25	0.164	361	420	42.4	1687
1 x 240 RM / 25	0.125	417	496	45.3	1964
1 x 300 RM / 25	0.1	471	569	47.5	2202
1 x 400 RM / 35	0.078	535	660	50.9	2703
1 x 500 RM / 35	0.061	609	766	54.3	3103
1 x 630 RM / 35	0.047	675	890	57.9	3664

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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