

MEDIUM VOLTAGE CABLES 10 - 30 kV

A2XS(F)2Y 6/10 kV IEC

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



TECHNICAL DATA



Standard
IEC 60502-2



Certificate
EZÚ Czech Republic



Test Voltage
21 kV / 50 Hz



Rated Voltage
6/10 kV (U_o/U)
12 kV (U_m)



Bending radius (min.)
15 x Ø of cable

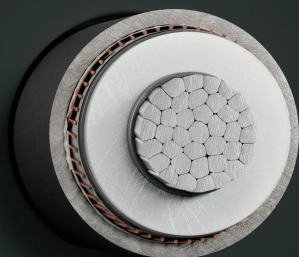


Fire properties
CPR Classification: Fca



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)

Number of cores x nominal cross-section / cross-section of screen (mm ²)	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	315	364	31.1	1171
1 x 185 RM / 25	0.164	357	418	33.4	1266
1 x 240 RM / 25	0.125	413	494	36.7	1495
1 x 300 RM / 25	0.1	466	568	38.2	1722
1 x 400 RM / 35	0.078	529	660	40.8	2074
1 x 500 RM / 35	0.061	602	767	43.6	2498
1 x 630 RM / 35	0.047	688	855	46.1	2917

CONTACT PERSON

Vojtěch Cuřín
Product Supervisor
+420 731 226 023
vojtech.curin@prakab.com

