

X00V3-AD

Aluminum earthing cable

DESIGN



- 1 | Bare aluminum conductors, fine wires according to DIN VDE 0283 Part 3 / EN 61138
- 2 | Outer sheath of special cold resistant compound based on polyvinyl chloride (PVC), colour: transparent

APPLICATION

Aluminum earthing ropes X00V3-AD are used as safety relevant connection in earthing and short circuiting equipment. The field of application ranges from railway systems, e.g. construction of overhead lines to earthing in high voltage power installations of electric supply companies. Special stranded conductor as well as insulation compound provide an extended temperature range for application.

TECHNICAL DATA



Standard:
TS ICS 13-2021



Test voltage:
2000 V



Temperature range:
flexible use: -25 °C up to 70 °C



Bending radius (min.):
12 x Ø of cable



Fire properties:
EN 60332-1-2: self-extinguishing and flame retardant

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
X00V3-AD			
1 x 25	9.8	73	120
1 x 35	11.7	102	168
1 x 50	14.0	145	240
1 x 70	15.0	203	306
1 x 95	17.7	275	398
1 x 120	19.6	348	495

Technical changes reserved. All figures are therefore without guarantee.

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