

35-ADX-K

XLPE insulated medium voltage overhead line

DESIGN



- 1 | Bare alloy aluminium conductor (AlMgSi), round stranded compressed (RM)
- 2 | Core insulation (XLPE, black, UV-resistant)

APPLICATION

Can be used for fixed installation as overhead power lines. Not suitable for direct burial.

TECHNICAL DATA



Standard:
TP PRAKAB 18/03



Rated voltage:
35 kV



Test voltage:
40 kV/50 Hz



Temperature range:
 laying temperature: min. -10 °C
 operating temperature: -50 °C to +90 °C
 conductor temperature: max. +90 °C
 short-circuit temperature: max. +200 °C/5 s



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



Certificate:
EZÚ Czech Republic,
GOST-R Russia

Nominal cross section (mm ²)	Max. conductor resistance (Ω/km)	Number of wires in conductor	Min. breaking load of conductor strand (kN)	Current rating in the air ¹⁾ (A)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
35-ADX-K							
35 RM	0.967	7	10.5	170	14.4	200	1,000 D
50 RM	0.690	7	15.0	210	15.6	255	1,000 D
70 RM	0.507	19	21.0	255	17.3	320	1,000 D
95 RM	0.358	19	28.5	320	18.8	430	1,000 D
120 RM	0.285	19	36.0	365	20.5	490	1,000 D
150 RM	0.227	37	45.0	425	22.0	620	1,000 D
185 RM	0.184	37	55.0	490	24.3	740	1,000 D

1) basic rated current acc. to TP PRAKAB 18/03
Subject to technical changes.