

35-ADX-K

XLPE- insulated medium voltage overhead line
Standard: TP PRAKAB 18/03

Usage:

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



Construction:

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



Rated voltage: 35 kV



Test voltage: 40.000 Veff



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.): 12 x Ø of cable

Number of cores x nominal cross section (mm ²)	Max. conductor resistance (Ω/km)	Min. breaking load of conductor strand (kN)	Current rating in the air ¹⁾ (A)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/ packing (m)
35-ADX-K							
35 RM	0.967	9.5	200	14.4	105	200	1000 T
50 RM	0.690	13.5	245	15.6	150	253	1000 T
70 RM	0.507	19.0	310	17.3	210	316	1000 T
120 RM	0.285	33.5	430	20.5	360	489	1000 T

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