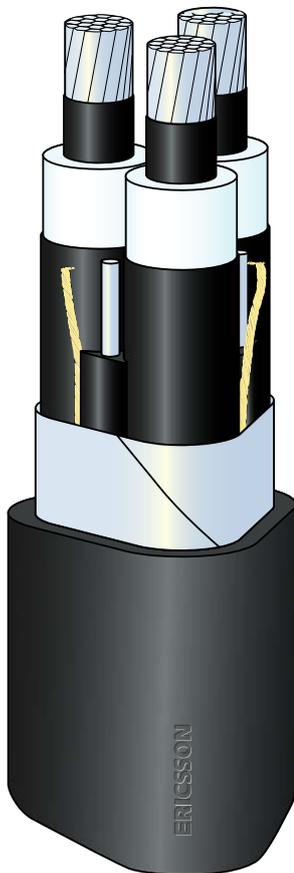


AXAL-F-TT 18/30(36)kV PRO

Product information



Application

A three-core cable for permanent installation directly in ground, duct or water.
Extra strong jacket, perfect for plowing.
Installation friendly even at low temperatures.

Design:

HD 620 S2:2010 Part 10 Section M

Conductor

Aluminium, stranded compacted round.
Longitudinally watertight.

Conductor screen

Extruded, semi conducting.

Insulation

Dry cured XLPE.

Insulation screen

Extruded semi conducting.

Metallic screen

Screen made up of aluminum wires and aluminum foil.

The aluminum wires are embedded in a conductive, corrosion resistant filling material that has electrical contact with the aluminum screen and the insulation screen of each core providing a continuous screen around the whole cable.

Longitudinal water tightness

By means of swelling powder and swelling yarn that prevents spread of water in the whole design.

Radial water barrier

Aluminum tape glued to the outer sheath.

Outer sheath

Black PE composite with a hard outer layer and an impact absorbing inner layer, metermarked.
The cable contains two Kevlar tear threads to simplify the removal of the outer sheath.

Technical data

AXAL-F-TT 18/30(36)kV PRO

Conductors x size (mm ²)	Diameter nom. (mm)			Weight	Min.bend. radius(mm)	
	Conductor	Insulation	Sheath	100m(kg)	Installation	Permanent
3x95/25AL	11,2	25,3	60	277	720	480
3x240/35AL	18,0	32,1	73	479	876	584

Conductors x size (mm ²)	Resistance (Ω/km)		Inductance (mH/km)	Capacitance (μF/km)	Pulling force (kN)	
	Conductor	Screen			Over sheath	In all conductors
3x95/25AL	0,320	1,2	0,34	0,16	18	8,5
3x240/35AL	0,125	0,8	0,30	0,22	26	21

Ordering Information

AXAL-F-TT 18/30(36)kV PRO

Conductors x Area (mm ²)	Length (m)	Order no.	Drum size	Total weight (kg)
3x95/25AL	500	TJX713137	K24	1835
3x240/35AL	500	TJX713133	K26	3295

Information for jointing and end connections for AXAL-TT PRO.

AXAL-TT PRO is designed so that it is not necessary to connect the aluminum foil.

To achieve cross sectional water tightness the jointing kit shall be complemented with a foil sleeve.

The jointing sleeve for the screen shall be 25 respective 35 mm² Al, A screw type jointing sleeve is advisable but it is also possible to use a press sleeve.

The cable termination is standard.

We reserve the right for alterations due to continual product development and/or changes in standards.