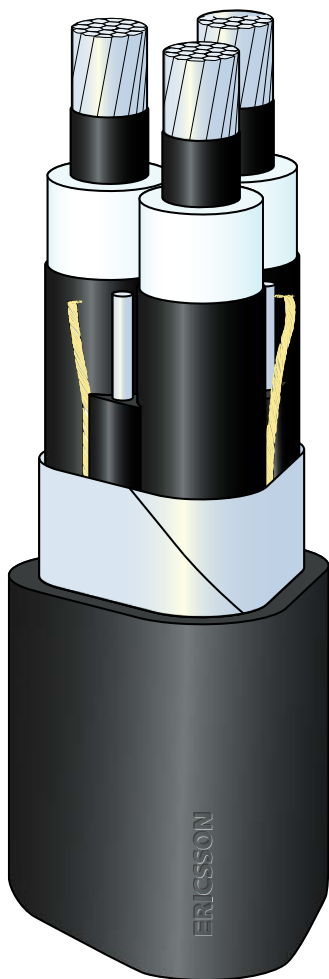


AXAL-TT PRO 6/10(12)kV

Product Information



Standards

SS 424 14 16 / HD 620 S2:2010
Part 10 Section M

Conductor

Aluminum. round stranded compacted.
Longitudinally watertight.

Conductor shield

Extruded. semi conducting.

Insulation

Dry cured XLPE.

Insulation shield

Extruded semi conducting. easy strip.

Screen

Screen system consisting of aluminum wires
and aluminum foil.

Longitudinal water tightness

By means of swelling powder and swelling yarn

Cross sectional water tightness

Aluminium 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 a Kevlar tear thread to
simplify the removal of the outer sheath.

Application

A three-core cable for permanent installation
directly in the ground, in ducting or in water.
Extra strong jacket. Installation friendly even at
low temperatures.
(-30 ° Celsius to +40 ° Celsius)

Technical data

AXAL-TT PRO 6/10(12)kV

Conductors x size (mm ²)	Diameter. (mm)			weight/100m (kg)	Min. bend (mm)	
	Conductor	Insulation	Sheath		installation	permanent
3 x 25/25al	5.9	13.4	36	104	430	288
3 x 50/25al	8.0	15.5	41	134	492	328
3 x 95/25al	11.2	18.7	47	190	564	376
3 x 150/35al	14.0	21.5	52	263	624	416
3 x 240/35al	18.0	25.5	60	363	720	480

Conductors x size (mm ²)	Resistance (Ω/km)		Inductance (mH/km)	Capacitance (μF/km)	Earth fault current (A/km)
	Conductor	Screen			
3 x 25/25al	1.20	1.2	0.37	0.17	1.13
3 x 50/25al	0.641	1.2	0.33	0.22	1.44
3 x 95/25al	0.320	1.2	0.30	0.28	1.82
3 x 150/35al	0.206	0.8	0.28	0.33	2.17
3 x 240/35al	0.125	0.8	0.27	0.40	2.63

Ordering Information

AXAL-TT PRO 6/10(12)kV

Conductors x Area (mm ²)	Delivery- length (m)	E number	Drum size	Total weight (kg)
3 x 25/25al	1000	E 0073406	K20	1380
3 x 50/25al	500	E 0073415	K18	900
3 x 95/25al	500	E 0073425	K20	1290
3 x 150/35al	500	E 0073435	K22	1725
3 x 240/35al	500	E 0073445	K24	2265

Jointing and termination Information.

AXAL-TT PRO.

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

For cross sectional water tight joints the jointing kit shall be complemented with an al-foil sleeve. The jointing sleeve for the screen wires shall be 25 respective 35 mm² Al, A screw type jointing sleeve is advisable but it is also possible to use a press sleeve.

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