

AXLJ-F TTCL



-20°C min



90°C max



Direct burial



Longitudinally waterproof



Weather-resistant

The cable is both radial and longitudinally water blocked. The outer conductive layer is fixed. Screen has concentric copper wires and longitudinally applied aluminium tape. The jacket has an outer semiconductive layer to enable testing after installation. Amokabel's medium voltage cables are single-core 12–72.5 kV, ranging from 1x95 mm² to 1x1200 mm².

The construction includes a conductor, insulation system, screening, and an outer sheath for mechanical protection and resistance to moisture and water.

With our medium voltage cables, you get a combination of sustainable production, documented quality, and flexible delivery capacity – all to ensure the success of your projects.

The Amokabel Guarantee – We stand behind the final product and its environmental documentation. A flexible and competitive solution.

APPLICATION

Cable is suitable for fixed installation in air, soil and water

STANDARDS

Conductor

IEC 60228 Class 2 (IAP)

APPROVAL



CONSTRUCTION

Bending radius - Minimum

10 xOD

Color

BLACK

Conductor

Stranded, round, compacted aluminium acc. to IEC 60228 class2, longitudinal water sealed

Insulation

XLPE

Labeling example

AXLJ-TTCL TSLF 1x240/35 6/10(12)kV, YY-MM, AMOKABEL-K

Outer sheath

MDPE UV resistant with semi-conductive skin

Packaging

DRUM

PROPERTIES

Max temperature

90 °C

Min. temperature

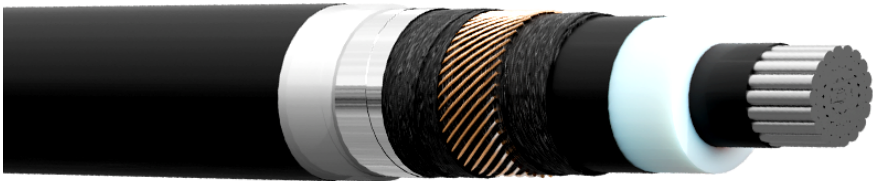
-20 °C

INSTALLATION METHODS

In air

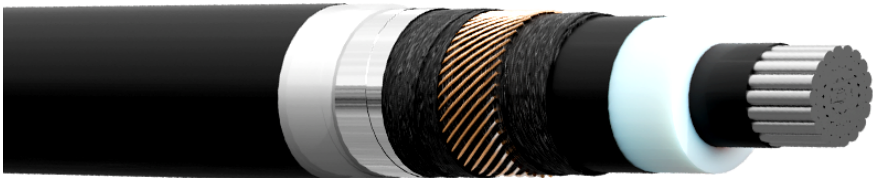
Buried

Outdoor



Name	Article number	AC voltage rating	AC voltage rating	Insulation thickness [mm]	Outer sheath thickness [mm]	Total weight [kg/km]	Std. Length [m]	Packaging
AXLJ TTCL TSLF 18/30(36)kV 1x1000	(11647)	18/30(36)kV	30(36)kV	8	3	4840		Inquiry
AXLJ TTCL TSLF 18/30(36)kV 1x1200	(11648)	18/30(36)kV	30(36)kV	8	3.1	5400		Inquiry
AXLJ TTCL TSLF 18/30(36)kV 1x150		18/30(36)kV	30(36)kV	8	2.1	1450		Inquiry
AXLJ TTCL TSLF 18/30(36)kV 1x150	T500	18/30(36)kV	30(36)kV	8	2.1	1450	500	K18
AXLJ TTCL TSLF 18/30(36)kV 1x240		18/30(36)kV	30(36)kV	8	2.2	1450		Inquiry
AXLJ TTCL TSLF 18/30(36)kV 1x240	T500	18/30(36)kV	30(36)kV	8	2.2	1450	500	K18
AXLJ TTCL TSLF 18/30(36)kV 1x300	(11515)	18/30(36)kV	30(36)kV	8	2.3	1910		Inquiry
AXLJ TTCL TSLF 18/30(36)kV 1x300	T500	18/30(36)kV	30(36)kV	8	2.3	1910	500	K20
AXLJ TTCL TSLF 18/30(36)kV 1x400	(11514)	18/30(36)kV	30(36)kV	8	2.7	2530		Inquiry
AXLJ TTCL TSLF 18/30(36)kV 1x400	T500	18/30(36)kV	30(36)kV	8	2.7	2530	500	K22
AXLJ TTCL TSLF 18/30(36)kV 1x500	(11513)	18/30(36)kV	30(36)kV	8	2.7	2920		Inquiry
AXLJ TTCL TSLF 18/30(36)kV 1x500	T500	18/30(36)kV	30(36)kV	8	2.7	2920	500	K22
AXLJ TTCL TSLF 18/30(36)kV 1x630		18/30(36)kV	30(36)kV	8	2.7	3440		Inquiry
AXLJ TTCL TSLF 18/30(36)kV 1x630	T500	18/30(36)kV	30(36)kV	8	2.7	3440	500	K22
AXLJ TTCL TSLF 18/30(36)kV 1x800	(11646)	18/30(36)kV	30(36)kV	8	2.8	4070		Inquiry
AXLJ TTCL TSLF 18/30(36)kV 1x95	(11644)	18/30(36)kV	30(36)kV	8	2.1	710		Inquiry
AXLJ TTCL TSLF 18/30(36)kV 1x95	T500	18/30(36)kV	30(36)kV	8	2.1	710	500	K16
AXLJ-F TTCL 10(12)kV 1x150	11655	6/10(12)kV	10(12kV)	3.4	2.2	1040		Inquiry
AXLJ-F TTCL 10(12)kV 1x150	T500	6/10(12)kV	10(12kV)	3.4	2.2	1040	500	K14
AXLJ-F TTCL 10(12)kV 1x240	11656	6/10(12)kV	10(12kV)	3.4	2.3	1450		Inquiry

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Name	Article number	AC voltage rating	AC voltage rating	Insulation thickness [mm]	Outer sheath thickness [mm]	Total weight [kg/km]	Std. Length [m]	Packaging
AXLJ-F TTCL 10(12)kV 1x240	T500	6/10(12)kV	10(12kV)	3.4	2.3	1450	500	K16
AXLJ-F TTCL 10(12)kV 1x50	11653	6/10(12)kV	10(12kV)	3.4	2.1	590		Inquiry
AXLJ-F TTCL 10(12)kV 1x50	T500	6/10(12)kV	10(12kV)	3.4	2.1	590	500	K12
AXLJ-F TTCL 10(12)kV 1x630		6/10(12)kV	10(12kV)	3.4	2.7	2800		Inquiry
AXLJ-F TTCL 10(12)kV 1x630	T500	6/10(12)kV	10(12kV)	3.4	2.7	2800	500	K20
AXLJ-F TTCL 10(12)kV 1x95	11654	6/10(12)kV	10(12kV)	3.4	2.1	830		Inquiry
AXLJ-F TTCL 10(12)kV 1x95	T500	6/10(12)kV	10(12kV)	3.4	2.1	830	500	K12
AXLJ-F TTCL 12/20(24)kV 1x150		12/20(24)kV	20(24)kV	5.5	2.2	1230		Inquiry
AXLJ-F TTCL 12/20(24)kV 1x150	T500	12/20(24)kV	20(24)kV	5.5	2.2	1230	500	K16
AXLJ-F TTCL 12/20(24)kV 1x240		12/20(24)kV	20(24)kV	5.5	2.3	1660		Inquiry
AXLJ-F TTCL 12/20(24)kV 1x240	T500	12/20(24)kV	20(24)kV	5.5	2.3	1660	500	K18
AXLJ-F TTCL 12/20(24)kV 1x50	11657	12/20(24)kV	20(24)kV	5.5	2.1	740		Inquiry
AXLJ-F TTCL 12/20(24)kV 1x50	T500	12/20(24)kV	20(24)kV	5.5	2.1	740	500	K14
AXLJ-F TTCL 12/20(24)kV 1x630		12/20(24)kV	20(24)kV	5.5	2.7	3090		Inquiry
AXLJ-F TTCL 12/20(24)kV 1x630	T500	12/20(24)kV	20(24)kV	5.5	2.7	3090	500	K22
AXLJ-F TTCL 12/20(24)kV 1x95		12/20(24)kV	20(24)kV	5.5	2.1	1000		Inquiry
AXLJ-F TTCL 12/20(24)kV 1x95	T500	12/20(24)kV	20(24)kV	5.5	2.1	1000	500	K14

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