



SOME SEE JUST A CABLE •

**WE SEE
A GREATER
POWER**

• MEDIUM VOLTAGE CABLES

APPENDIX

This product catalog contains only a small selection of our Medium Voltage Cables.

We have more than 3500 cables in stock for daily delivery, so if you need something in this catalog, you can always find it at www.scankab.com.

You can also do as many of our other customers, and contact us at +45 7020 3455.

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MEDIUM VOLTAGE CABLES

The Backbone of Reliable Power Distribution

At Scankab Cables, we take pride in being a trusted manufacturer of high-quality medium voltage cables that meet the exacting standards of our customers.

Produced with Precision and Care

Our medium voltage cables are manufactured using state-of-the-art technology and strict quality control processes to ensure optimal performance and durability.

We use only the highest quality materials, including top-grade copper and aluminum conductors, insulating materials, and protective sheaths.

Our cables are designed to withstand harsh weather conditions, corrosive environments, and extreme temperatures.

Applications of Medium Voltage Cables

Medium voltage cables are used in a variety of applications, including power distribution networks, underground cabling, and industrial facilities.

They are ideal for providing reliable and efficient transmission of electricity over long distances, and are often used to connect power stations to substations, as well as to distribute power to large industrial complexes, office buildings, and residential areas.

Scankab Cables: The Perfect Manufacturer

At Scankab Cables, we have a long history of providing high-quality medium voltage cables to a range of industries.

Our team of experts has the knowledge and experience necessary to produce cables that meet the specific needs of our customers.

We offer a wide range of medium voltage cables, including single-core, three-core, and multi-core cables, each designed to meet different requirements.

Medium and high voltage cables



X-VOLT® PEX-AL-ST - 12 KV

Application:

Medium Voltage aluminium cable PEX-AL-ST for the transport and distribution networks, power plants, transformer units, connection between overhead lines and transformers. This cable can be installed in ducts, direct buried or in the open air.

Construction:

- Conductor: Aluminium, class 2 acc. to IEC 60228
- Insulation: Cross-linked polyethylene type DIX 12 according to HD 620-1
- Conductor color: Black with white numbering,
- Screen: Strippable screen over the insulation, made of thermosetting semiconductor material.
Metallic screen with longitudinal water tightness made of a concentric layer of copper wires with one helically wound copper tape over hygroscopic tape helically.
- Outer sheath: Polyethylene type DMP 13 according to HD 620-1, red



Technical data:

- Working temperature: -15° C to +90° C
- Rated voltage: 12 kV
- Bend radius: 15 x cable diameter
- Technical comments: Short circuit temp.: max 250° C / 5 sec.

Approvals:

HD 620-10 D, IEC 60228, IEC 60754-1, IEC 60754- 2, IEC 60502-2, CE, RoHS



Properties and installation:

- Abrasion resistant
- Bending radius 15x x cable diameter
- Can be buried
- Can lay in tubes
- Halogen free
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Meter marked
- Min. working temperature -15° C
- Outdoor use
- UV-stabilized

Medium and high voltage cables



X-VOLT® PEX-AL-ST - 12 KV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
962095003	5704403204083	3x95/25	236	Drum	53,2	2340
962150003	5704403059577	3x150/25	309	Drum	59,2	2935
962240003	5704403203802	3x240/35	415	Drum	68,2	4100
962300003	5704403204090	3x300/35	475	Drum	72,5	4765

* The values can have small deviations



Medium and high voltage cables



X-VOLT® PEX-AL-CT - 12 KV

Application:

Medium Voltage aluminium cable PEX-AL-CT for the transport and distribution networks, power plants, transformer units, connection between overhead lines and transformers. This cable can be installed in ducts, direct buried or in the open air.

Construction:

- Conductor: Aluminium, class 2 acc. to IEC 60228
- Insulation: Cross-linked polyethylene type DIX 12 according to HD 620-1
- Conductor color: Black with white numbering,
- Screen: Strippable screen over the insulation, made of thermosetting semiconductor material.
Metallic screen with longitudinal water tightness made of a concentric layer of copper wires with one helically wound copper tape over hygroscopic tape helically.
- Outer sheath: Polyethylene type DMP 13 according to HD 620-1, red



Technical data:

- Working temperature: -15° C to +90° C
- Rated voltage: 12 kV
- Bend radius: 15 x cable diameter
- Technical comments: Short circuit temp.: max 250° C / 5 sec.

Approvals:

HD 620-10 D, IEC 60228, IEC 60754-1, IEC 60754- 2, IEC 60502-2, CE, RoHS



Properties and installation:

- Abrasion resistant
- Bending radius 15x x cable diameter
- Can be buried
- Can lay in tubes
- Halogen free
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Meter marked
- Min. working temperature -15° C
- Outdoor use
- UV-stabilized

Medium and high voltage cables



X-VOLT® PEX-AL-CT - 12 KV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
963150003	5704403207138	3x150/25	309	Drum	57,7	2715
963240003	5704403207145	3x240/35	415	Drum	67,3	3885
963300003	5704403207275	3x300/35	475	Drum	72,8	4765

* The values can have small deviations



Medium and high voltage cables



X-VOLT® NORDIC TSLF, single - 6/10 (12) kV

AXLJ-F TT – PEX-AL-S-LT

Application:

X-VOLT® NORDIC TSLF is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

- Conductor: Aluminium, cl. 2
Hygroscopic tapes applied in order to achieve longitudinal watertightness
Conductor screen: cross-linked semiconductor screen (triple-extrusion)
- Insulation: Cross-linked polyethylene, DIX8
Insulation screen: cross-linked semiconductor screen (triple-extrusion)
- Screen: Screen of Cu threads and metal tape
- Outer sheath: PE, DMP 17, black



Technical data:

- Working temperature: -15° C to +90° C
- Rated voltage: 6/10 (12) kV (U₀/U (U_m))
- Bend radius: 15 x kabel diameter

CPR classification: E_{ca}

Please request for DoP at dop@scankab.dk

Approvals:

EN 50575, IEC 60754-1/2, HD 620-10K



Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +90° C



Medium voltage cable



Min. working temperature -15° C

Medium and high voltage cables



X-VOLT® NORDIC TSLF, single - 6/10 (12) kV

AXLJ-F TT - PEX-AL-S-LT

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
-	-	E _{ca}	1x50/25	222	Drum	26,6	690
-	-	E _{ca}	1x95/25	338	Drum	28,8	940
-	-	E _{ca}	1x150/25	440	Drum	32,8	1175
-	-	E _{ca}	1x240/35	593	Drum	37,3	1655
-	-	E _{ca}	1x300/35	677	Drum	39,9	1870
606001400	5704403206452	E _{ca}	1x400/35	769	Drum	38,7	1965
-	-	E _{ca}	1x500/35	918	Drum	43,3	2360
-	-	E _{ca}	1x630/35	1050	Drum	46,9	2825
-	-	E _{ca}	1x800/35	1205	Drum	52,6	3605

* The values can have small deviations

Medium and high voltage cables



X-VOLT® NORDIC TSLF, single - 12/20 (24) kV

AXLJ-F TT – PEX-AL-S-LT

Application:

X-VOLT® NORDIC TSLF is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Aluminium, cl. 2 Hygroscopic tapes applied in order to achieve longitudinal watertightness Conductor screen: cross-linked semiconductor screen (triple-extrusion)
Insulation:	Cross-linked polyethylene, DIX8 Insulation screen: cross-linked semiconductor screen (triple-extrusion)
Screen:	Screen of Cu threads and metal tape
Outer sheath:	PE, DMP 17, black



Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	12/20 (24) kV (U ₀ /U (U _m))
Bend radius:	15 x kabel diameter

CPR classification: E_{ca}

Please request for DoP at dop@scankab.dk

Approvals:

EN 50575, IEC 60754-1/2, HD 620-10K



Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +90° C



Medium voltage cable



Min. working temperature -15° C

Medium and high voltage cables



X-VOLT® NORDIC TSLF, single - 12/20 (24) kV

AXLJ-F TT - PEX-AL-S-LT

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
606101050	5704403205349	E _{ca}	1x50/25	222	Drum	27,1	695
606101095	5704403189045	E _{ca}	1x95/25	338	Drum	30,3	945
606101150	5704403189052	E _{ca}	1x150/25	440	Drum	33,3	1180
606101240	5704403189069	E _{ca}	1x240/35	593	Drum	37,8	1660
606101300	5704403189076	E _{ca}	1x300/35	677	Drum	40,4	1875
606101400	5704403189083	E _{ca}	1x400/35	769	Drum	43,0	2230
-	-	E _{ca}	1x500/35	918	Drum	47,6	2660
606101630	5704403189090	E _{ca}	1x630/50	1050	Drum	50,7	3200

* The values can have small deviations

Medium and high voltage cables



X-VOLT® NORDIC TSLF, (3x) - 12/20 (24) kV

AXLJ-F TT – PEX-AL-S-LT

Application:

X-VOLT® NORDIC/TSLF is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.



Construction:

- Conductor: Aluminium, cl. 2
Hygroscopic tapes applied in order to achieve longitudinal watertightness
Conductor screen: cross-linked semiconductor screen (triple-extrusion)
- Insulation: Cross-linked polyethylene, DIX8
Insulation screen: cross-linked semiconductor screen (triple-extrusion)
- Screen: Screen of Cu threads and metal tape
- Outer sheath: PE, DMP 17, black

Technical data:

- Working temperature: -15° C to +90° C
- Rated voltage: 12/20 (24) kV (U₀/U (U_m))
- Bend radius: 15 x cable diameter

CPR classification: E_{ca}

Please request for DoP at dop@scankab.dk

Approvals:

EN 50575, IEC 60754-1/2, HD 620-10K



Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +90° C



Medium voltage cable



Min. working temperature -15° C

Medium and high voltage cables



X-VOLT® NORDIC TSLF, (3x) - 12/20 (24) kV

AXLJ-F TT - PEX-AL-S-LT

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
606131050	5704403205356	E _{ca}	3x1x50/16	184	Drum	58,2	2110
606131095	5704403189106	E _{ca}	3x1x95/25	280	Drum	65,1	2860
606131150	5704403189113	E _{ca}	3x1x150/25	368	Drum	71,6	3565
606131240H25	5704403206926	E _{ca}	3x1x240/25	502	Drum	80,3	5020
606131240	5704403189120	E _{ca}	3x1x240/35	502	Drum	81,3	5020
606131300H25	5704403206933	E _{ca}	3x1x300/25	577	Drum	85,9	5680
606131300	5704403189137	E _{ca}	3x1x300/35	577	Drum	86,9	5680
606131400	5704403189144	E _{ca}	3x1x400/35	673	Drum	92,4	6745
606131630	5704403205363	E _{ca}	3x1x630/35	895	Drum	109,0	9685

* The values can have small deviations

Medium and high voltage cables



X-VOLT® NORDIC TSLF, single - 18/30 (36) kV

AXLJ-F TT – PEX-AL-S-LT

Application:

X-VOLT® NORDIC TSLF is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Aluminium, cl. 2 Hygroscopic tapes applied in order to achieve longitudinal watertightness Conductor screen: cross-linked semiconductor screen (triple-extrusion)
Insulation:	Cross-linked polyethylene, DIX8 Insulation screen: cross-linked semiconductor screen (triple-extrusion)
Screen:	Screen of Cu threads and metal tape
Outer sheath:	PE, DMP 17, black



Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	18/30 (36) kV (U ₀ /U (U _m))
Bend radius:	15 x cable diameter

CPR classification: E_{ca}

Please request for DoP at dop@scankab.dk

Approvals:

EN 50575, IEC 60754-1/2, HD 620-10K



Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +90° C



Medium voltage cable



Min. working temperature -15° C

Medium and high voltage cables



X-VOLT® NORDIC TSLF, single - 18/30 (36) kV

AXLJ-F TT - PEX-AL-S-LT

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
606201095	5704403189151	E _{ca}	1x95/25	338	Drum	35,7	1210
606201150	5704403189168	E _{ca}	1x150/35	440	Drum	38,8	1545
606201240	5704403189175	E _{ca}	1x240/35	593	Drum	43,1	1965
606201300	5704403189182	E _{ca}	1x300/35	677	Drum	45,8	2225
606201400	5704403189199	E _{ca}	1x400/35	769	Drum	48,4	2590
606201630	5704403189205	E _{ca}	1x630/50	1050	Drum	56,1	3615

* The values can have small deviations

Medium and high voltage cables



X-VOLT® NORDIC TSLF, (3x) - 18/30 (36) kV

AXLJ-F TT – PEX-AL-S-LT

Application:

X-VOLT® NORDIC TSLF is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.



Construction:

Conductor:	Aluminium, cl. 2 Hygroscopic tapes applied in order to achieve longitudinal watertightness Conductor screen: cross-linked semiconductor screen (triple-extrusion)
Insulation:	Cross-linked polyethylene, DIX8 Insulation screen: cross-linked semiconductor screen (triple-extrusion)
Screen:	Screen of Cu threads and metal tape
Outer sheath:	PE, DMP 17, black

Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	18/30(36) kV (U ₀ /U (U _m))
Bend radius:	15 x cable diameter

CPR classification: E_{ca}

Please request for DoP at dop@scankab.dk

Approvals:

EN 50575, IEC 60754-1/2, HD 620-10K



Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +90° C



Medium voltage cable



Min. working temperature -15° C

Medium and high voltage cables



X-VOLT® NORDIC TSLF, (3x) - 18/30 (36) kV

AXLJ-F TT - PEX-AL-S-LT

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
606231095	5704403189229	E _{ca}	3x1x95/25	280	Drum	76,7	3655
606231120	5704403209170	E _{ca}	3x1x120/35	337	Drum	80,4	4300
606231150	5704403189113	E _{ca}	3x1x150/35	368	Drum	83,3	4675
606231240	5704403189243	E _{ca}	3x1x240/35	502	Drum	92,5	5945
606231300	5704403189212	E _{ca}	3x1x300/35	577	Drum	98,5	6730
606231400	5704403189250	E _{ca}	3x1x400/35	673	Drum	104,0	7845

* The values can have small deviations



Medium and high voltage cables



X-VOLT® NORDIC TSLI, single - 12/20 (24) kV

Application:

X-VOLT® NORDIC TSLI is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

- Conductor: Aluminium, cl. 2
Hygroscopic tapes applied in order to achieve longitudinal watertightness
Conductor screen: cross-linked semiconductor screen (triple-extrusion)
- Insulation: Cross-linked polyethylene, DIX8
Insulation screen: cross-linked semiconductor screen (triple-extrusion)
- Screen: Screen of Cu threads and Cu tape
- Outer sheath: PE, DMP 17, black



Technical data:

- Working temperature: -15° C to +90° C
- Rated voltage: 12/20(24) kV (U₀/U (U_m))
- Bend radius: 15 x cable diameter

CPR classification: D_{ca}-s1a, d2, a1

Please request for DoP at dop@scankab.dk

Approvals:

EN 50575, IEC 60754-1/2, HD 620-10K



Properties and installation:

- Bending radius 15 x cable diameter
- Can be buried
- Can lay in tubes
- Halogen free
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Min. working temperature -15° C
- Outdoor use
- Water resistant

Medium and high voltage cables



X-VOLT® NORDIC TSLI, single - 12/20 (24) kV

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
606401050	5704403206018	D _{ca} -s1a,d2,a1	1x50/16	222	Drum	31,1	1055
606401095	5704403206001	D _{ca} -s1a,d2,a1	1x95/25	338	Drum	34,1	1330
606401150	5704403206025	D _{ca} -s1a,d2,a1	1x150/25	440	Drum	26,0	1445
606401240	5704403206032	D _{ca} -s1a,d2,a1	1x240/35	593	Drum	38,0	1765
606401300	5704403206049	D _{ca} -s1a,d2,a1	1x300/35	-	Drum	-	-
606401400	5704403206056	D _{ca} -s1a,d2,a1	1x400/35	769	Drum	43,0	2340
606401630	5704403206063	D _{ca} -s1a,d2,a1	1x630/50	1050	Drum	50,3	3305
606401800	5704403206070	D _{ca} -s1a,d2,a1	1x800/50	1205	Drum	56,0	4035

* The values can have small deviations

Medium and high voltage cables



X-VOLT[®] NORDIC TSLI, (3x) - 12/20 (24) kV

Application:

X-VOLT[®] NORDIC TSLI is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.



Construction:

- Conductor: Aluminium, cl. 2
Hygroscopic tapes applied in order to achieve longitudinal watertightness
Conductor screen: cross-linked semiconductor screen (triple-extrusion)
- Insulation: Cross-linked polyethylene, DIX8
Insulation screen: cross-linked semiconductor screen (triple-extrusion)
- Screen: Screen of Cu threads and Cu tape
- Outer sheath: PE, DMP 17, black

Technical data:

- Working temperature: -15° C to +90° C
- Rated voltage: 12/20(24) kV (U₀/U (U_m))
- Bend radius: 15 x cable diameter

CPR classification: D_{ca}-s1a, d2, a1

Please request for DoP at dop@scankab.dk

Approvals:

EN 50575, IEC 60754-1/2, HD 620-10K



Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +90° C



Medium voltage cable



Min. working temperature -15° C

Medium and high voltage cables



X-VOLT® NORDIC TSLI, (3x) - 12/20 (24) kV

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
606431050	5704403206087	D _{ca} -s1a,d2,a1	3x1x50/16	184	Drum	66,8	3190
606431095	5704403206094	D _{ca} -s1a,d2,a1	3x1x95/25	280	Drum	73,3	4030
606431150	5704403206100	D _{ca} -s1a,d2,a1	3x1x150/25	368	Drum	77,2	4370
606431240	5704403206117	D _{ca} -s1a,d2,a1	3x1x240/35	502	Drum	81,4	5350
606431300	5704403206124	D _{ca} -s1a,d2,a1	3x1x300/35	-	Drum	-	-
606431400	5704403206131	D _{ca} -s1a,d2,a1	3x1x400/35	-	Drum	-	-
606431630	5704403206148	D _{ca} -s1a,d2,a1	3x1x630/50	895	Drum	108,1	10015

* The values can have small deviations

Medium and high voltage cables



X-VOLT[®] NORDIC TSLI, single - 18/30 (36) kV

Application:

X-VOLT[®] NORDIC TSLI is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Aluminium, cl. 2 Hygroscopic tapes applied in order to achieve longitudinal watertightness Conductor screen: cross-linked semiconductor screen (triple-extrusion)
Insulation:	Cross-linked polyethylene, DIX8 Insulation screen: cross-linked semiconductor screen (triple-extrusion)
Screen:	Screen of Cu threads and Cu tape
Outer sheath:	PE, DMP 17, black



Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	36 kV
Test voltage:	18/30 (36) kV (U _o /U (U _m))
Bend radius:	15 x kabel diameter

CPR classification: D_{ca}-s1a, d2, a1

Please request for DoP at dop@scankab.dk

Approvals:

EN 50575, IEC 60754-1/2, HD 620-10K



Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +90° C



Medium voltage cable



Min. working temperature -15° C

Medium and high voltage cables



X-VOLT® NORDIC TSLI, single - 18/30 (36) kV

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
606501095	5704403206155	D _{ca} -s1a,d2,a1	1x95/25	-	Drum	-	-
606501150	5704403206162	D _{ca} -s1a,d2,a1	1x150/25	440	Drum	39,9	1740
606501240	5704403206179	D _{ca} -s1a,d2,a1	1x240/35	593	Drum	43,1	2080
606501300	5704403206186	D _{ca} -s1a,d2,a1	1x300/35	-	Drum	-	-
606501400	5704403206193	D _{ca} -s1a,d2,a1	1x400/35	769	Drum	48,0	2690
606501630	5704403206209	D _{ca} -s1a,d2,a1	1x630/50	1050	Drum	55,7	3755

* The values can have small deviations



Medium and high voltage cables



X-VOLT[®] NORDIC TSLI, (3x) - 18/30 (36) kV

Application:

X-VOLT[®] NORDIC TSLI is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.



Construction:

Conductor:	Aluminium, cl. 2 Hygroscopic tapes applied in order to achieve longitudinal watertightness Conductor screen: cross-linked semiconductor screen (triple-extrusion)
Insulation:	Cross-linked polyethylene, DIX8 Insulation screen: cross-linked semiconductor screen (triple-extrusion)
Screen:	Screen of Cu threads and Cu tape
Outer sheath:	PE, DMP 17, black

Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	18/30(36) kV (U ₀ /U (U _m))
Bend radius:	15 x cable diameter

CPR classification: D_{ca}-s1a, d2, a1

Please request for DoP at dop@scankab.dk

Approvals:

EN 50575, IEC 60754-1/2, HD 620-10K



Properties and installation:



Bending radius 15 x cable diameter



Halogen free



Low emission of corrosive gases acc. to IEC 60754



Max. working temp. +90° C



Medium voltage cable



Min. working temperature -15° C

Medium and high voltage cables



X-VOLT® NORDIC TSLI, (3x) - 18/30 (36) kV

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
606531050	5704403206216	D _{ca} -s1a,d2,a1	3x1x50/16	-	Drum	-	-
606531095	5704403206223	D _{ca} -s1a,d2,a1	3x1x95/25	-	Drum	-	-
606531150	5704403206230	D _{ca} -s1a,d2,a1	3x1x150/25	-	Drum	-	-
606531240	5704403206247	D _{ca} -s1a,d2,a1	3x1x240/35	-	Drum	-	-
606531300	5704403206254	D _{ca} -s1a,d2,a1	3x1x300/35	-	Drum	-	-
606531400	5704403206261	D _{ca} -s1a,d2,a1	3x1x400/35	-	Drum	-	-

* The values can have small deviations



Medium and high voltage cables



X-VOLT® FR-N20XA8E-AR - 12/20 (24) kV

Application:

X-VOLT® FR-N20XA8E-AR is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

- Conductor: Aluminium, cl. 2
- Insulation: Cross-linked polyethylene insulation, type PR, natural color. Cross-linked in catenary line with nitrogen atmosphere.
- Inner sheath: Insulation screen: Semi-conducting XLPE
Inner covering: Semi-conducting water-swellable tape
Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath
- Screen: Strippable cross-linked semiconductor screen applied over insulation in a triple-extrusion process. Aluminium foil.
- Outer sheath: Polyolefin, black



Technical data:

- Working temperature: -15 °C to +90 °C
- Rated voltage: 12/20 (24) kV (U_o/U (U_m))
- Bend radius: 15 x cable diameter

CPR classification:

Please request for DoP at dop@scankab.dk

Approvals:

IEC 60754, NF C 33-226, EN 60228,



Properties and installation:

- Bending radius 13 x cable diameter
- Can be buried
- Can lay in tubes
- For use in cable trays
- Halogen free
- Max. working temp. +90° C
- Outdoor use
- UV-resistant
- Water resistant

Medium and high voltage cables



X-VOLT® FR-N20XA8E-AR - 12/20 (24) kV

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10301050.FR	5704403190195	E _{ca}	1x50	201	Drum	27,2	705
10301095.FR	5704403190201	E _{ca}	1x95	338	Drum	29,4	895
10301150.FR	5704403190218	E _{ca}	1x150	377	Drum	30,9	1060
10301240.FR	5704403190225	E _{ca}	1x240	497	Drum	35,2	1445
10301300.FR	5704403204984	E _{ca}	1x300	497	Drum	37,4	1670
10301400.FR	5704403190232	E _{ca}	1x400	639	Drum	40,5	2005
10301500.FR	5704403190249	E _{ca}	1x500	709	Drum	44,0	2355
10301630.FR	5704403190256	E _{ca}	1x630	846	Drum	47,6	2865

* The values can have small deviations

Medium and high voltage cables



X-VOLT® FR-N20XA8E-AR, (3x) - 12/20 (24) kV

Application:

X-VOLT FR-N20XA8E-AR is used for medium voltage installations or distribution networks both indoors and outdoors.
Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.



Construction:

- Conductor: Aluminium, cl. 2
- Insulation: Cross-linked polyethylene insulation, type PR, natural color.
Cross-linked in catenary line with nitrogen atmosphere.
- Inner sheath: Insulation screen: Semi-conducting XLPE
Inner covering: Semi-conducting water-swellable tape
Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath
- Screen: Strippable cross-linked semiconductor screen applied over insulation in a triple-extrusion process.
Aluminium foil.
- Outer sheath: Polyolefin, black

Technical data:

- Working temperature: -15 °C to +90 °C
- Rated voltage: 12/20 (24) kV (U₀/U (U_m))
- Bend radius: 15 x cable diameter

CPR classification:

E_{ca}

Please request for DoP at dop@scankab.dk

Approvals:

IEC 60754, NF C 33-226, EN 60228



Properties and installation:

- Bending radius 13 x cable diameter
- Can be buried
- Can lay in tubes
- For use in cable trays
- Halogen free
- Max. working temp. +90 °C
- Min. working temperature -15 °C
- Outdoor use
- UV-resistant
- Water resistant

Medium and high voltage cables



X-VOLT® FR-N20XA8E-AR, (3x) - 12/20 (24) kV

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
1033T050.FR	5704403190263	E _{ca}	3x1x50	201	Drum	58,5	2165
1033T095.FR	5704403190270	E _{ca}	3x1x95	295	Drum	63,3	2705
1033T150.FR	5704403190287	E _{ca}	3x1x150	377	Drum	66,5	3210
1033T240.FR	5704403190294	E _{ca}	3x1x240	497	Drum	75,7	4375
1033T300.FR	5704403198016	E _{ca}	3x1x300	550	Drum	80,5	5050
1033T400.FR	5704403190300	E _{ca}	3x1x400	639	Drum	87,2	6075
1033T500.FR	5704403190317	E _{ca}	3x1x500	709	Drum	94,7	7135
1033T630.FR	5704403190324	E _{ca}	3x1x630	846	Drum	102,4	8675

* The values can have small deviations

Medium and high voltage cables



X-VOLT® FR-N20XA8E-AR - 18/30 (36) kV

Application:

X-VOLT® FR-N20XA8E-AR is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

- Conductor: Aluminium, cl. 2
- Insulation: Cross-linked polyethylene insulation, type PR, natural color. Cross-linked in catenary line with nitrogen atmosphere.
- Inner sheath: Insulation screen: Semi-conducting XLPE
Inner covering: Semi-conducting water-swellable tape
Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath
- Screen: Strippable cross-linked semiconductor screen applied over insulation in a triple-extrusion process. Aluminium foil.
- Outer sheath: Polyolefin, black



Technical data:

- Working temperature: -15 °C to +90 °C
- Rated voltage: 18/30 (36) kV (U₀/U (U_m))
- Bend radius: 15 x cable diameter

CPR classification:

Please request for DoP at dop@scankab.dk

Approvals:

IEC 60754, NF C 33-226, EN 60228,



Properties and installation:

- Bending radius 13 x cable diameter
- Can be buried
- Can lay in tubes
- For use in cable trays
- Halogen free
- Max. working temp. +90° C
- Outdoor use
- UV-resistant
- Water resistant

Medium and high voltage cables



X-VOLT® FR-N20XA8E-AR - 18/30 (36) kV

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
1040T050.FR	-	E _{ca}	1x50	201	Drum	-	-
1040T095.FR	5704403205790	E _{ca}	1x95	295	Drum	33,3	1080
1040T150.FR	5704403205806	E _{ca}	1x150	377	Drum	34,7	1255
1040T240.FR	5704403205813	E _{ca}	1x240	497	Drum	38,8	1650
1040T300.FR	5704403205837	E _{ca}	1x300	550	Drum	40,7	1845
1040T400.FR	5704403205820	E _{ca}	1x400	639	Drum	43,9	2225
1040T500.FR	5704403205844	E _{ca}	1x500	709	Drum	47,9	2625
1040T630.FR	5704403205851	E _{ca}	1x630	846	Drum	51,2	3140

* The values can have small deviations

Medium and high voltage cables



X-VOLT® FR-N20XA8E-AR, (3x) - 18/30 (36) kV

Application:

X-VOLT FR-N20XA8E-AR is used for medium voltage installations or distribution networks both indoors and outdoors.
Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.



Construction:

- Conductor: Aluminium, cl. 2
- Insulation: Cross-linked polyethylene insulation, type PR, natural color. Cross-linked in catenary line with nitrogen atmosphere.
- Inner sheath: Insulation screen: Semi-conducting XLPE
Inner covering: Semi-conducting water-swellable tape
Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath
- Screen: Strippable cross-linked semiconductor screen applied over insulation in a triple-extrusion process. Aluminium foil.
- Outer sheath: Polyolefin, black

Technical data:

- Working temperature: -15 °C to +90 °C
- Rated voltage: 18/30 (36) kV (U₀/U (U_m))
- Bend radius: 15 x cable diameter

CPR classification:

E_{ca}
Please request for DoP at dop@scankab.dk

Approvals:

IEC 60754, NF C 33-226, EN 60228



Properties and installation:

- Bending radius 13 x cable diameter
- Can be buried
- Can lay in tubes
- For use in cable trays
- Halogen free
- Max. working temp. +90 °C
- Min. working temperature -15 °C
- Outdoor use
- UV-resistant
- Water resistant

Medium and high voltage cables



X-VOLT® FR-N20XA8E-AR, (3x) - 18/30 (36) kV

SKU	EAN	CPR	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
1043T050.FR	5704403205714	E _{ca}	3x1x50	201	Drum	-	-
1043T095.FR	5704403205721	E _{ca}	3x1x95	295	Drum	71,5	3270
1043T150.FR	5704403205738	E _{ca}	3x1x150	377	Drum	74,7	3795
1043T240.FR	5704403203604	E _{ca}	3x1x240	497	Drum	83,5	5000
1043T300.FR	5704403205745	E _{ca}	3x1x300	550	Drum	87,4	5580
1043T400.FR	5704403205752	E _{ca}	3x1x400	639	Drum	94,5	6745
1043T500.FR	5704403205769	E _{ca}	3x1x500	709	Drum	102,9	7955
1043T630.FR	5704403205776	E _{ca}	3x1x630	846	Drum	110,2	9510

* The values can have small deviations

Medium and high voltage cables



X-VOLT[®] RHZ1-OL, AL - 12/20 (24) kV

Application:

X-VOLT[®] RHZ1-OL, AL is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

- Conductor: Aluminium, class 2 acc. to EN 60228/IEC 60228
Semiconducting layer around the conductor
- Insulation: XLPE. Semiconducting layer around the isolation. Easy strippable
- Screen: Screen of Cu threads and hygroscopic tape
- Outer sheath: Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, red
- Comments: Optional: Hygroscopic tape is made to achieve longitudinal watertightness on the conductor, type X-VOLT RHZ1-20L



Technical data:

- Working temperature: -15° C to +90° C
- Rated voltage: 12/20(24) kV (U_o/U (U_m))
- Bend radius: 15 x cable diameter
- Technical comments: Short circuit temp.: max 250° C / 5 sec.

Approvals:

IEC 60754-1, IEC 60228, IEC 60502-2, UNE 211605, CE, RoHS



Properties and installation:

- Abrasion resistant
- Bending radius 15x cable diameter
- Can be buried
- Can lay in tubes
- For industrial use
- Halogen free
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Outdoor use
- Torsion resistant
- UV-resistant

Medium and high voltage cables



X-VOLT® RHZ1-OL, AL - 12/20 (24) kV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10301050.W	5704403205868	1x50/16	184	Drum	24,9	660
10301070.W	5704403205875	1x70/16	230	Drum	26,9	765
10301095.W	5704403063642	1x95/16	280	Drum	28,3	870
10301120.W	5704403174447	1x120/16	324	Drum	29,8	980
10301150.W	5704403063659	1x150/16	368	Drum	31,2	1085
10301185.W	5704403205332	1x185/16	424	Drum	32,8	1225
10301240.W	5704403063147	1x240/16	502	Drum	35,5	1455
10301240H25W	5704403063727	1x240/25	455	Drum	39,6	1740
10301300.W	5704403174454	1x300/16	577	Drum	37,7	1655
10301400.W	5704403054923	1x400/16	673	Drum	41,0	2010
10301500.W	5704403174461	1x500/16	777	Drum	45,3	2390
10301500.H35WI	5704403075706	1x500/35	720	Drum	45,4	2552
10301630.W	5704403090662	1x630/16	895	Drum	55,8	3970
10301630.H50WI	5704403075737	1x630/50	840	Drum	53,1	3070

* The values can have small deviations

Medium and high voltage cables



X-VOLT® RHZ1-OL, AL - 18/30 (36) kV

Application:

X-VOLT® RHZ1-OL, AL is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

- Conductor: Aluminium, class 2
- Insulation: XLPE. Semiconducting layer around the isolation. Easy strippable
- Screen: Screen of Cu threads and Cu tape
- Outer sheath: Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, red
- Comments: Optional: Hygroscopic tape is made to achieve longitudinal watertightness on the conductor, type X-VOLT RHZ1-20L



Technical data:

- Working temperature: -15° C to +90° C
- Rated voltage: 18/30 (36) kV (U_o/U (U_m))
- Bend radius: 15 x cable diameter
- Technical comments: Short circuit temp.: max 250° C / 5 sec.

Approvals:

IEC 60754-1, IEC 60228, IEC 60502-2, UNE 211605, CE, RoHS



Properties and installation:

- Bending radius 15 x cable diameter
- Can be buried
- For industrial use
- Halogen free
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable

Medium and high voltage cables



X-VOLT® RHZ1-OL, AL - 18/30 (36) kV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10401095.W	5704403061082	1x95/16	280	Drum	33,1	1080
10401120.W	5704403174478	1x120/16	324	Drum	34,8	1205
10401150.W	5704403174485	1x150/16	368	Drum	36,5	1325
10401150.H25.W	5704403174492	1x150/25	368	Drum	36,7	1410
10401185.W	5704403174508	1x185/16	424	Drum	37,9	1485
10401240.W	5704403063680	1x240/16	502	Drum	40,7	1735
10401300.W	5704403174515	1x300/16	577	Drum	42,9	1950
10401300.H25.W	5704403067510	1x300/25	577	Drum	43,0	2030
10401400.W	5704403063697	1x400/16	673	Drum	46,0	2320
10401500.W	5704403174522	1x500/16	777	Drum	50,1	2720
10401630.W	5704403174539	1x630/16	895	Drum	53,1	3220

* The values can have small deviations

Medium and high voltage cables



X-VOLT® RHZ1-2 OL, AL - 12/20 (24) kV

Application:

X-VOLT® RHZ1-2 OL, AL is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

- Conductor: Aluminium, class 2 acc. to EN 60228/IEC 60228
Hygroscopic tapes applied in order to achieve longitudinal watertightness
- Insulation: XLPE. Semiconducting layer around the isolation. Easy strippable
- Screen: Screen of Cu threads and hygroscopic tape
- Outer sheath: Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, red



Technical data:

- Working temperature: -15° C to +90° C
- Rated voltage: 12/20(24) kV (U₀/U (U_m))
- Bend radius: 15 x cable diameter
- Technical comments: Short circuit temp.: max 250° C / 5 sec.

Approvals:

IEC 60754-1, IEC 60228, IEC 60502-2, UNE 211605, CE, RoHS



Properties and installation:

- Abrasion resistant
- Bending radius 15x x cable diameter
- Can be buried
- Can lay in tubes
- For industrial use
- Halogen free
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Outdoor use
- Torsion resistant
- UV-resistant

Medium and high voltage cables



X-VOLT® RHZ1-2 OL, AL - 12/20 (24) kV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10301150.2W	5704403205325	1x150/16	368	Drum	31,2	1085
10301185.2W	5704403205899	1x185/16	424	Drum	32,8	1225
10301240.2W	5704403099863	1x240/16	502	Drum	35,5	1455
10301300.2W	5704403205905	1x300/16	577	Drum	37,7	1655

* The values can have small deviations



Medium and high voltage cables



X-VOLT® RHZ1-2 OL, AL - 18/30 (36) kV

Application:

X-VOLT® RHZ1-2 OL, AL is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

- Conductor: Aluminium, class 2
Hygroscopic tapes applied in order to achieve longitudinal watertightness
- Insulation: XLPE. Semiconducting layer around the isolation. Easy strippable
- Screen: Screen of Cu threads and Cu tape
- Outer sheath: Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, red



Technical data:

- Working temperature: -15° C to +90° C
- Rated voltage: 18/30 (36) kV (U_o/U (U_m))
- Bend radius: 15 x cable diameter
- Technical comments: Short circuit temp.: max 250° C / 5 sec.

Approvals:

IEC 60754-1, IEC 60228, IEC 60502-2, UNE 211605, CE, RoHS



Properties and installation:

- Bending radius 15 x cable diameter
- Can be buried
- For industrial use
- Halogen free
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable

Medium and high voltage cables



X-VOLT® RHZ1-2 OL, AL - 18/30 (36) kV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10401150.2W	5704403203611	1x150/16	368	Drum	36,5	1325
10401185.2W	5704403205912	1x185/16	424	Drum	37,9	1485
10401240.2W	5704403205929	1x240/16	502	Drum	40,7	1735
10401300.2W	5704403205936	1x300/16	577	Drum	42,9	1950

* The values can have small deviations

Medium and high voltage cables



X-VOLT® RHZ1-OL, AL - 26/45 (52) kV

Application:

X-VOLT® RHZ1-OL, AL is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

- Conductor: Aluminium, class 2 acc. to EN 60228/IEC 60228
Semiconducting layer around the conductor
- Insulation: XLPE. Semiconducting layer around the isolation. Easy strippable
- Screen: Screen of Cu threads and hygroscopic tape
- Outer sheath: Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, black
- Comments: Optional: Hygroscopic tape is made to achieve longitudinal watertightness on the conductor, type X-VOLT RHZ1-20L



Technical data:

- Working temperature: -30° C to +90° C
- Rated voltage: 26/45(52) kV (U₀/U (U_m))
- Bend radius: 15 x cable diameter
- Technical comments: Short circuit temp.: max 250° C / 5 sec.

Approvals:

IEC 60754-1, IEC 60228, IEC 60502-2, UNE 211605, CE, RoHS



Properties and installation:

- Abrasion resistant
- Bending radius 15 x cable diameter
- Can be buried
- Can lay in tubes
- For industrial use
- Halogen free
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Min. working temperature -30° C
- Outdoor use
- Torsion resistant
- UV-resistant

Medium and high voltage cables



X-VOLT® RHZ1-OL, AL - 26/45 (52) kV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10501050.W	5704403206339	1x50/16	184	Drum	32,9	995
10501070.W	5704403206346	1x70/16	230	Drum	33,5	1055
10501095.W	5704403206353	1x95/16	280	Drum	34,3	1140
10501120.W	5704403206360	1x120/16	324	Drum	35,4	1240
10501150.W	5704403206469	1x150/16	368	Drum	36,8	1370
10501185.W	5704403206476	1x185/16	424	Drum	38,4	1515
10501240.W	5704403206483	1x240/16	502	Drum	41,2	1795
10501300.W	5704403206490	1x300/16	577	Drum	43,7	2005
10501400.W	5704403206506	1x400/16	673	Drum	46,5	2355
10501500.W	5704403206513	1x500/16	777	Drum	50,5	2750
10501630.W	5704403206520	1x630/16	895	Drum	50,1	3310
10501800.W	5704403206537	1x800/16	1036	Drum	58,8	3915

* The values can have small deviations

Medium and high voltage cables



X-VOLT[®] RHZ1-OL, AL - 36/66 (72) kV

Application:

X-VOLT[®] RHZ1-OL, AL is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

- Conductor: Aluminium, class 2 acc. to EN 60228/IEC 60228
Semiconducting layer around the conductor
- Insulation: XLPE. Semiconducting layer around the isolation. Easy strippable
- Screen: Screen of Cu threads and hygroscopic tape
- Outer sheath: Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, black
- Comments: Optional: Hygroscopic tape is made to achieve longitudinal watertightness on the conductor, type X-VOLT RHZ1-20L



Technical data:

- Working temperature: -30° C to +90° C
- Rated voltage: 36/66(72) kV (U₀/U (U_m))
- Bend radius: 15 x cable diameter
- Technical comments: Short circuit temp.: max 250° C / 5 sec.

Approvals:

IEC 60754-1, IEC 60228, IEC 60502-2, UNE 211605, CE, RoHS



Properties and installation:

- Abrasion resistant
- Bending radius 15 x cable diameter
- Can be buried
- Can lay in tubes
- For industrial use
- Halogen free
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Min. working temperature -30° C
- Outdoor use
- Torsion resistant
- UV-resistant

Medium and high voltage cables



X-VOLT® RHZ1-OL, AL - 36/66 (72) kV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10601240H35I.W	5704403206544	1x240/35	502	Drum	47,0	2280
10601300H35I.W	5704403106103	1x300/35	577	Drum	47,5	2410
10601400H35I.W	5704403106110	1x400/35	673	Drum	50,6	2785
10601500H50I.W	5704403206551	1x500/35	777	Drum	55,2	3230
10601630H50I.W	5704403206568	1x630/35	895	Drum	58,5	3915

* The values can have small deviations

Medium and high voltage cables



X-VOLT® NA2XS(FL)2Y - 6/10 (12) kV

Application:

NA2XS(FL)2Y is used for installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or during operation. The water blocking tape avoids water propagation inside the cable.

Construction:

- Conductor: Alu-threads, class 2
Extruded semi-conducting layer around the conductor
- Insulation: XLPE DIX8
Extruded semi-conducting layer around the insulation
Semi-conducting water blocking tape
- Screen: Cu threads and Cu counter helix over tape material
Water blocking tape
- Outer sheath: Polyethylene DMP2, black
- Comments: Laminated sheath
Polymer laminated aluminum tape 0.25 mm
PE-sheath
Cross and longitudinal watertightness



Technical data:

- Working temperature: -20° C to +90° C
- Rated voltage: 6/10 kV (12 kV) (U₀/U (U_m))
- Bend radius: 15 x cable diameter

Approvals:

HD 620-1, IEC 60502-2, IEC 60228, IEC 60754-1/2, CE, RoHS



Properties and installation:

- Abrasion resistant
- Bending radius 15 x cable diameter
- Can be buried
- Can be immersed into water
- Can lay in tubes
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Min. working temperature -20° C
- Outdoor use

Medium and high voltage cables



X-VOLT® NA2XS(FL)2Y - 6/10 (12) kV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10201185.DE	5704403205240	1x185/25	424	Drum	32,4	1320
10201240.DE	5704403205257	1x240/25	502	Drum	34,9	1540
10201300.DE	5704403205264	1x300/25	577	Drum	36,9	1725

* The values can have small deviations

Medium and high voltage cables



X-VOLT® NA2XS(FL)2Y, (3x) - 6/10 (12) kV

Application:

NA2XS(FL)2Y is used for installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or during operation. The water blocking tape avoids water propagation inside the cable.



Construction:

- Conductor: Alu-threads, class 2
Extruded semi-conducting layer around the conductor
- Insulation: XLPE DIX8
Extruded semi-conducting layer around the insulation
Semi-conducting water blocking tape
- Screen: Cu threads and Cu counter helix over tape material
Water blocking tape
- Outer sheath: Polyethylene DMP2, black
- Comments: Laminated sheath
Polymer laminated aluminum tape 0.25 mm
PE-sheath
Cross and longitudinal watertightness

Technical data:

- Working temperature: -20° C to +90° C
- Rated voltage: 6/10 kV (12 kV) (U₀/U (U_m))
- Bend radius: 15 x cable diameter

Approvals:

HD 620-1, IEC 60502-2, IEC 60228, IEC 60754-1/2, CE, RoHS



Properties and installation:

- Abrasion resistant
- Bending radius 15 x cable diameter
- Can be buried
- Can be immersed into water
- Can lay in tubes
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Min. working temperature -20° C
- Outdoor use

Medium and high voltage cables



X-VOLT® NA2XS(FL)2Y, (3x) - 6/10 (12) kV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
1013T185.DE	5704403205271	3x1x185/25	424	Drum	69,5	4000
1013T240.DE	5704403205288	3x1x240/25	502	Drum	74,9	4660
1013T300.DE	5704403205295	3x1x300/25	577	Drum	79,2	5225

* The values can have small deviations



Medium and high voltage cables



X-VOLT® NA2XS(FL)2Y - 12/20 (24) kV

Application:

NA2XS(FL)2Y is used for installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or during operation. The water blocking tape avoids water propagation inside the cable.

Construction:

- Conductor: Alu-threads, class 2
Extruded semi-conducting layer around the conductor
- Insulation: XLPE DIX8
Extruded semi-conducting layer around the insulation
Semi-conducting water blocking tape
- Screen: Cu threads and Cu counter helix over tape material
Water blocking tape
- Outer sheath: Polyethylene DMP2, black
- Comments: Laminated sheath
Polymer laminated aluminum tape 0.25 mm
PE-sheath
Cross and longitudinal watertightness



Technical data:

- Working temperature: -20° C to +90° C
- Rated voltage: 12/20 kV (24 kV) (U_o/U (U_m))
- Bend radius: 15 x cable diameter

Approvals:

HD 620-1, IEC 60502-2, IEC 60228, IEC 60754-1/2, CE, RoHS



Properties and installation:

- Abrasion resistant
- Bending radius 15 x cable diameter
- Can be buried
- Can be immersed into water
- Can lay in tubes
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Min. working temperature -20° C
- Outdoor use

Medium and high voltage cables



X-VOLT® NA2XS(FL)2Y - 12/20 (24) kV

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10301095.DE	5704403205134	1X95/16	-	Drum	-	-
10301120.DE	5704403205042	1X120/16	324	Drum	33,8	1190
10301150.DE	5704403205059	1X150/25	-	Drum	-	-
10301185.DE	5704403205066	1X185/25	-	Drum	-	-
10301240.DE	5704403205073	1X240/25	502	Drum	34,9	1540
10301300.DE	5704403205080	1X300/25	-	Drum	-	-
10301400.DE	5704403205097	1X400/35	-	Drum	-	-
10301500.DE	5704403205103	1X500/35	777	Drum	48,1	2775
10301630.DE	5704403205110	1X630/35	-	Drum	-	-
10301800.DE	5704403205127	1X800/35	-	Drum	-	-

* The values can have small deviations

Medium and high voltage cables



X-VOLT® NA2XS(FL)2Y - 18/30 (36 kV)

Application:

NA2XS(F)2Y is used for installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or during operation. The water blocking tape avoids water propagation inside the cable.

Construction:

- Conductor: Alu-threads, class 2
Extruded semi-conducting layer around the conductor
- Insulation: XLPE DIX8
Extruded semi-conducting layer around the insulation
Semi-conducting water blocking tape
- Screen: Cu threads and Cu counter helix over tape material
Water blocking tape
- Outer sheath: Polyethylene DMP2, black
- Comments: Laminated sheath
Polymer laminated aluminum tape 0.25 mm
PE-sheath
Cross and longitudinal watertightness



Technical data:

- Working temperature: -20° C to +90° C
- Rated voltage: 18/30 kV (36 kV) (U₀/U (U_m))
- Bend radius: 15 x cable diameter

Approvals:

HD 620-1, IEC 60502-2, IEC 60228, IEC 60754-1/2, CE, RoHS



Properties and installation:

- Abrasion resistant
- Bending radius 15 x cable diameter
- Can be buried
- Can be immersed into water
- Can lay in tubes
- Low emission of corrosive gases acc. to IEC 60754
- Max. working temp. +90° C
- Medium voltage cable
- Min. working temperature -20° C
- Outdoor use

Medium and high voltage cables



X-VOLT® NA2XS(FL)2Y - 18/30 (36 kV)

SKU	EAN	Dimension (mm ²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10401095.DE	5704403205233	1x95/16	-	Drum	-	-
10401120.DE	5704403205141	1x120/16	324	Drum	38,5	1450
10401150.DE	5704403205158	1x150/25	-	Drum	-	-
10401185.DE	5704403205165	1x185/25	-	Drum	-	-
10401240.DE	5704403205172	1x240/25	-	Drum	-	-
10401300.DE	5704403205189	1x300/25	-	Drum	-	-
10401400.DE	5704403205196	1x400/35	-	Drum	-	-
10401500.DE	5704403205202	1x500/35	-	Drum	-	-
10401630.DE	5704403205219	1x630/35	-	Drum	-	-
10401800.DE	5704403205226	1x800/35	-	Drum	-	-

* The values can have small deviations

QUALITY YOU CAN COUNT ON: The rigorous testing behind Scankab Cables' X-VOLT® Medium Voltage Cables!

At Scankab Cables, we understand the importance of quality when it comes to Medium Voltage Cables. That's why we subject our X-VOLT® cables to numerous tests at every stage of the manufacturing process to ensure that they meet our high standards.

The testing process starts with the raw materials, as we carefully inspect and test each material upon receipt to ensure that they meet our strict requirements. During the production process, we carry out extensive testing to ensure that each step meets the necessary standards.

Once the production process is complete, we conduct a final round of tests on the finished product. Our testing procedures follow the IEC 60502-2 and HD 620-10C methods, which define the main testing standards for Medium Voltage Cables.

These tests include various measurements of the cable's properties, such as insulation resistance, conductor resistance, voltage withstand, and cable dimension. We also conduct environmental tests, including exposure to elevated temperatures, humidity, and mechanical stress, to ensure that the cable can withstand harsh conditions.

Our commitment to quality testing ensures that our X-VOLT® cables meet the highest standards of performance and safety.

When you choose Scankab Cables for your Medium Voltage Cable needs, you can trust that you are getting a reliable and high-quality product that will perform consistently over time.



UNLEASH THE POWER of our X-VOLT® Cables:

WHERE TO USE OUR MEDIUM VOLTAGE CABLES!

Scankab Cables' X-VOLT® range of Medium Voltage Cables is engineered to meet the demands of various industries and applications.

Our cables are suitable for use in distribution networks, renewable energy sources such as wind turbines, solar energy systems, Power-to-X, airports, tunnels, and railway infrastructures.

In the industrial sector, X-VOLT® cables are commonly used for power transmission and distribution, motor connections, and as control cables. Our cables are designed to withstand high levels of mechanical stress, making them ideal for use in harsh industrial environments.



For renewable energy sources, X-VOLT® cables are perfect for connecting wind turbines and solar panels to the power grid and for use in Power-to-X. Our cables are capable of handling the high voltage levels and power transmission requirements of these systems.

In transportation infrastructure, our X-VOLT® cables are perfect for use in tunnels and airports, where safety and reliability are critical. Our cables are also commonly used in railway infrastructures for power transmission, signaling, and communication.



No matter where you need reliable and efficient power transmission, you can count on Scankab Cables' X-VOLT® range of Medium Voltage Cables to deliver the performance you need.



Scankab set out as the cable industry's answer to "garage rock"

From the outset in 1992, Scankab was the rebel of the cable industry. The business sold cables from a small garage store room and challenged the cable market. Today, it is still part of the company's DNA to set new standards for the industry.

Scankab develops, manufactures and supplies quality cables and cable management to electrical contractors, industry, marine & offshore, infrastructure and energy. The range includes more than 3500 stocked cable types. Scankab has its head office and warehouse in Aarup in Funen and its subsidiaries in Norway and Sweden.



**We believe in
direct communication**

Denmark
Phone +45 7020 3455
www.scankab.com

Norway
Phone +47 5163 7020
www.scankab.no

Sweden
Phone +46 (0)10-200 80 58
www.scankab.se

Germany
Phone +49 1512-7262111
www.scankab.de

