Cable HTA CIS Description

NF C33-226 cables are the new generation of cables for public power distribution network 12/20 kV. They are AD8 (water pressure < 0,2 bar), AF2 and AN3 complying with NF C13200 standard. Sheath is antitermite resistant.

Cable HTA CIS Application

These cables are suitable for MV power applications, particularly for connections in transformer stations and power stations, between aerial lines and transformer stations, and for automotive electric powertrain.

Cable HTA CIS Design

The cable is made of 1 or 3 bunched cores

Cable HTA CIS Electrical Caracteristics

Calculated from IEC 60949, permissible short circuit current is applicable for the conductor during 1s.

Cable HTA CIS Options

NF C 33-226 cables can be manufactured with the following options:

- Copper conductor
- Other voltage
- Other section
- Grounding conductor
- Thicker aluminium screen
- Bunch

Reenforced burying resistance (EDR)is ensured with an extruded polyethylene protection.

NF C33-226 12/20 kV Section mm	outer Diameter (mm)	Max DC Resist. /km	Max. tensile strength (daN)	Bending radius (mm)		Weight Approx. (kg/km)
single core cables						
50	29	0.641	150	377	754	700
95	32	0.32	285	416	832	950
150	32	0.206	450	416	832	1000
240	36.5	0.125	720	475	950	1400
400	42	0.078	1200	546	1092	1950
630	52.5	0.047	1890	683	1365	3100
1200	66	0.025	360o	858	1716	5200
bunched cables						
3x1x50	62.5	0.641	450	377	754	2100
3x1x95	69	0.32	855	416	832	2800
3x1x150	69	0.206	1350	416	832	3050
3x1x240	78.5	0.125	2160	475	950	4150
3x1x400	90	0.078	3600	546	1092	5800

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