

CONTACT

Market information
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These cables are suitable for MV power applications, particularly for connections in transformer stations and power stations, between aerial lines and transformer stations

STANDARDS

Product EN 50575; EN 60228

DESIGN

- 1. Conductor**
Aluminium class 2 acc. IEC 60228
- 2. Screen**
Semi Conductor
- 3. Insulation**
Cross-linked polyethylene (XLPE)
Colour:
- 4. Swelling semi-conductor**
- 5. Aluminium Tape**
- 6. Sheath**
Polyolefine without halogen
Colour: black

Example of marking:

Reaction to fire: B2ca-s1a, d0, a1

FEATURES

The NF C 33-226 cable is intended for public MV (20 kV) distribution. It is classified AD8 (fresh water < 0.2 bar), AF2 and AN3 in accordance with standard NF C 13-200 and the outer sheath of the cable is termite-resistant. It may consist of a single core or three phase conductors twisted together (torsade).

Designed according to RATP K20 specification HTA-K20 cables are:

- Fire retardant
- Low smoke
- Without Halogen
- Low Toxicity
- Low corrosivity

HTA-K20 cables have CPR classification: B2ca-s1,d2,a1 according to EN 50575

- B2ca: combustible but very little burning
- s1: very low smoke production (best in class)
- d2: some flaming droplets
- a1: very low acidity of smoke (best in class)



Halogen free
IEC/EN 60754-1



Flame retardant
IEC/EN 60332-1-2



Smoke density
IEC 61034-2 & EN
61034-2



Gases corrosivity
IEC/EN 60754-2



Max. conductor
temp. in service
90 °C



Operating temp.
-20 ... 60 °C



Water proof
AD7



U.V resistance
AN3

CHARACTERISTICS**Construction characteristics**

Conductor material	Aluminum
Type of conductor	Stranded, class 2
Outer sheath	LSZH compound
Halogen free	IEC/EN 60754-1

Dimensional characteristics

Conductor cross-section	- mm ²
Diameter over insulation	- mm

Usage characteristics

Flame retardant	IEC/EN 60332-1-2
Smoke density	IEC 61034-2 & EN 61034-2
Gases corrosivity	IEC/EN 60754-2
Max. conductor temperature in service	90 °C
Operating temperature, range	-20 ... 60 °C
Water proof	AD7
U.V resistance	AN3

HTA-K20 ALU 12/20KV C33-226

Reference	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
13118054	-	71.6	2791
10286010	-	77.0	4159
10286009	-	86.2	5379
10286012	32.6	37.0	1359
13118055	32.7	29.1	912
10286011	36.3	41.0	1758