

Reference: 13118054
EAN 13: 3427580851629

FIRE PERFORMANCE CLASS



B2ca-s1a,d0,a1

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

KEY CHARACTERISTICS

Usage characteristics

Water proof

AD7

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



Halogen free
IEC/EN 60754-1



Flame retardant
IEC/EN 60332-1-2



Smoke density
IEC 61034-2 & EN 61034-2



Corrosivity
IEC/EN 60754-2



Max. temp. for temp. in service



Operating temp. -20 ... 60 °C



Water proof
AD7



U.V. resistance
AN3

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)

CHARACTERISTICS**Construction characteristics**

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

Dimensional characteristics

Minimum outer diameter	- mm
Maximum outer diameter	71.6 mm
Approximate weight	2791 kg/km
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