

EAXeVB E_{ca}

Power distribution cable, 0,6/1 kV
+90 °C service temperature, longitudinally watertight, reinforced outer sheath
NBN HD 603-5-A and EN 50575

Application

Power cable with aluminium conductor with reinforced outer sheath for domestic or industrial application where no mechanical damage is to be expected. This cable is longitudinally watertight preventing water propagation along the cable. For fixed installation in open air, in ducts or cable tray as well as in pipes. Suitable for direct ground installation with or without protection.

Construction



1. Conductor: Aluminium conductor, solid (class 1) or stranded (class 2)
2. Insulation: PVC
Core identification: According to HD 308 S2
3. Separator: Swellable tape
4. Core covering: Filler
5. Outer sheath: PVC, black

Technical information

Rated voltage	U ₀ /U	0,6/1 kV
Max. permissible temperature at conductor		90 °C
Max. short circuit temperature of the conductor		250 °C (max. 5 sec)
Min. operating temperature		-20 °C
Min. temperature during installation		+5 °C
Min. bending radius mm	fixed installation	12 x outer diameter in mm

Safety parameters

Reaction to fire		EN 50399 E _{ca}
Flame spread	single cable	IEC 60332-1-2

N° of cores and cross section mm ²	Average insulation thickness mm	Average outer sheath thickness mm	Outer diameter approx. mm	Weight approx. kg/km
4 x 50 re	1,0	2,9	32,4	1460
4 x 70 se	1,1	3,1	36,7	1920
4 x 150 se	1,4	3,5	44,5	2800
4 x 240 se	1,7	3,9	55,8	4480

RE = round solid, class 1
RM = round stranded, class 2
SE = sector-shaped, solid, class 1
SM = sector-shaped, stranded, class 2

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.