

EXeCGB B2_{ca}

Medium voltage cable, 8,7/15 kV
90 °C service temperature, halogen free, fire retardant
NBN HD 620-10B-A - EN 50575

Application

Halogen-free medium voltage cable with improved fire characteristics. May be used as power supply cable in public networks and industrial plants. For buildings with high concentrations of people or valuable equipment, especially in difficult evacuation conditions. These cables may be used for fixed installation indoors and outdoors, on racks, direct burial or in conduits. This construction is particularly suitable for underground installation due to the longitudinal water-tightness.

Construction



1. Copper conductor, bare, stranded (class 2)
2. Inner semi-conducting layer
3. XLPE insulation
4. Outer semi-conducting layer
5. Semi-conducting swelling tape
6. Copper screen
7. Swelling rape (longitudinal water-tightness of the screen)
8. Halogen free outer sheath, red

Technical information

Rated voltage	U ₀ /U	8,7 /15 kV
Max. permissible temperature at conductor		90 °C
Max. short circuit temperature of the conductor		250 °C (max. 5 sec)
Operating temperature	fixed installed	-5 °C to 70 °C
Min. temperature during installation		0 °C
Min. bending radius mm		15 x outer diameter in mm
Safety parameters		
Reaction to fire		EN 50399 B2 _{ca} – s1, d1, a1
Flame spread	single cable	IEC 60332-1-2
	bunched cables	IEC 60332-3-24
Halogen free		IEC 60754-1
Smoke density		IEC 61034-1

N° of cores and cross section mm ²	Insulation thickness approx. mm	Sheath thickness approx. mm	Diameter approx. kg/km	Weight approx. kg/km
1 x 95rm/25	4,5	2,6	35	2.050

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