

RHZ1

Medium voltage cable, 12/20 kV
90 °C service temperature, halogen free, fire retardant
IEC 60502-2

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.

Construction



1. Copper conductor, bare, stranded (class 2)
2. Inner semi-conducting layer
3. XLPE insulation
4. Outer semi-conducting layer
5. Copper screen
6. Halogen free outer sheath, red

Technical information

Rated voltage	U ₀ /U	12/20 kV
Max. permissible temperature at conductor		90 °C
Max. short circuit temperature of the conductor		250 °C (max. 5 sec)
Operating temperature	fixed installed	-15 °C to 70 °C
Min. temperature during installation		0 °C
Min. bending radius mm		15 x outer diameter in mm

Safety parameters

Flame spread	single cable	IEC 60332-1-2
	bunched cables	IEC 60332-3-24
Halogen free		IEC 60754-1 /-2
Smoke density		IEC 61034-1

Other characteristics

UV resistant

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