

Pyro Telecom Rf 1h

Safety cable for signal or fire alarm transmission, 225 V
+90 °C service temperature, collective screen, low smoke, zero halogen, fire resistant

Application

Collectively screened installation cable for telecommunications and information processing systems. Cables with intrinsic fire resistance are installed in all areas that require special protection of people and equipment against fire and fire damages and where strict security requirements must be fulfilled. For fixed installation. Outdoor laying only permitted when protected from direct sunlight and other external impacts.

Construction



1. Conductor: Copper conductor, bare, solid (class 1)
2. Insulation: Fire-resistant special XLPE compound
3. Core covering: Halogen free compound
4. Screen: Laminated Alu/PETP tape + tinned copper drain wire
5. Outer sheath: Halogen free compound, orange or red

Technical information

Rated voltage	U_{max}	225 V
Max. permissible temperature at conductor		90 °C
Min. operating temperature	fixed installed	-30 °C
Min. temperature during installation		-5 °C
Min. bending radius mm	fixed installed	7,5 x outer diameter in mm

Safety parameters

Flame spread	single cable	IEC 60332-1-2
	bunched cables	IEC 60332-3-24
Zero halogen		IEC 60754-1 /-2
Smoke density		IEC 61034-1/ -2
Insulation integrity		EN 50200
Intrinsic circuit integrity		Rf 1h NBN 713-020 Add. 3

N° of cores and cross section mm	Outer diameter approx. mm	Copper index approx. kg/km	Weight approx. kg/km
1 x 2 x 0,8	7,6	15	66
2 x 2 x 0,8	8,3	25	86

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