	Cahier des charges Technical Datasheet		Code Réf :	7*0.18
			Index Indice :	A

Flexible alarm cable with alimentation conductors ,
drain wire and overall Aluminium / Polyester shield. - jacket PVC/LSZH - CPR Eca

Supplier Approval
Signature + Date + Name
26.06.08



Technical Properties

Conductor (0.22 mm²)	Copper Clad Aluminium 15%				
	0.22 mm²	Nbr wires	Ø wire Min. (mm)	Ø wire Nom. (mm)	Ø wire Max. (mm)
		7	**0.175**	**0.18**	**0.185**
Conductor (0.50 mm²)	Copper Clad Aluminium 15%				
	0.5 mm²	Nbr wires	Ø wire Min. (mm)	Ø wire Nom. (mm)	Ø wireMax. (mm)
		16	**0.175**	**0.18**	**0.185**
Insulation 0.22mm²	**PVC/LSZH compound**				
	Thickness (mm)	Ø for over insulation Min. (mm)		Ø for over insulation Nom. (mm)	Ø for over insulation Max. (mm)
	> 0.20			**1.00**	
Insulation 0.50mm²	**PVC/LSZH compound**				
	Thickness (mm)	Ø for over insulation Min. (mm)		Ø for over insulation Nom. (mm)	Ø for over insulation Max. (mm)
	> 0.35			**1.35**	
Assembly	Helicoidal under PES Tape				
Shielding	Copper Clad Aluminium (CCA) 15%				
	Drain wire 0.22 mm²	Nbr wires	Ø Min. (mm)	Ø Nom. (mm)	ØMax. (mm)
		7	**0.175**	**0.18**	**0.185**
	Overall Aluminium / Polyester foil (uncoloured)				
	Coverage (%)	**> 100**			
	HAVE RIP CORD				
Outer Sheath	**PVC/LSZH compound**				
	Colour	**White RAL9003**			
	Thickness Min. (mm)	**0.50**			
	Round cables are expected **with semi-loose extrusion**				

Electrical data general

Nominal Voltage U° / U (section 0.22 mm²)	V	200
Nominal Voltage U° / U (section 0.0.5 mm²)	V	250
Test Voltage (1 min. / 50 Hz) (section 0.22 mm²)	V	1200
Test Voltage (1 min. / 50 Hz) (section 0.5 mm²)	V	2000
Max. electrical resistance at 20° C (section 0.22 mm²)	Ω / KM	265
Max. electrical resistance at 20° C (section 0.5 mm²)	Ω / KM	115
Min. insulation resistance at 20°C	MΩ / km	200

Other datas

Temperature range	-10°C to +70°C
Minimum bending radius	10 x Ø ext.
Flame Behaviour	IEC 60332-1 & IEC 60332-3-24
LSZH	IEC 60754-1 /-2 & IEC 61034-1 /-2
CPR level	at less E**ca** acc. to EN 50575

Item	Number of insulated conductors x Ø wire (mm²)	Ø ext. Min. (mm)	Ø ext. Nom. (mm)	Ø ext. Max. (mm)	Colour code		Approx. Weight kg/km
					0.22 mm²	0.5 mm²	
2+2 -Core CCA Alarm Cable	4*0.22	4.3	4.6	4.8	White-Blue	Red-Black	25
4+2-Core CCA Alarm Cable	6*0.22	4.5	4.7	4.9	White - Blue - Yellow - Green	Red-Black	26
6+2-Core CCA Alarm Cable	8*0.22	4.7	4.9	5.1	White - Blue - Yellow - Green - Grey-Brown	Red-Black	31

Stickers:

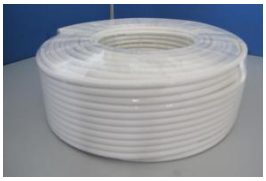
Please refer to document titled « CDC 0175 ID cables CPR stickers requirement »

Example



Packing Product :

Boxes
White cardboard boxes acc to IDCables specification



Plywood drum
Neutral drums



NIMP15 Wooden drum
Neutral drums



Logistic

Please refer to document titled « logistic requirement »

Etabliper : Established by:	F.ROME	Date	16/02/2024	Approuvé par : Approved by:	F.ROME