ALARM CABLE



TITLE:

Alarm Type 1 Copper LSZH

CODE:

SFX/8C-TY1-SCR-LSZH-WHT-1

DESCRIPTION:

1m (per metre) 8 Core Type 1 Alarm Screened White LSZH

SUPPLIED AS:

Per 1m Lengths

- · Generally used for connecting alarm equipment such as sensors, control panels and other low voltage circuits
- This cable is ROHS compliant
- Low smoke zero halogen plastic is good for use inside public buildings and spaces as will not emit toxic gases if the cable catches fire
- A premium alarm cable conforming to BS4737
- Improved performance and protection against fire

















enquiries@securiflex.co.uk | www.securiflex.co.uk | 03333 44 66 23















Product Specification (CP







Cable Construction

Cable Construction	8 Cores
CPR	Eca
Conductor	Tinned Copper
Conductor Diameter (mm)	0.19 ±0.008 x 7
Stranded Diameter (mm)	0.22
Overall Diameter (mm)	4.60 ±0.200
Compliance and Standards	BS4737-3.30:2015,RoHS2 2011/65/EU

Insulation

Insulation	LSZH
Insulation Colour	Red,Black,Blue,Yellow,Green,White,Orange,Brown
Insulation Resistance @20°C	>200 MO/km
Insulation Thickness (mm)	0.21

Outer/Jacket Specification

Jacket	LSZH	
Overall Colour	White	
Overall Diameter (mm)	4.60 ±0.200	
Jacket Colour	White RAL 9003	
Jacket Thickness (mm)	0.5	
Nylon Rip-Cord	Green 210D	

Electrical Characteristics

Insulation Resistance @20°C	>200 MO/km
Max Conductor DC resistance @ 20°C	100O/km
Rated Temperature (°C)	-40°C to 70°C
Rated Voltage (V)	30V























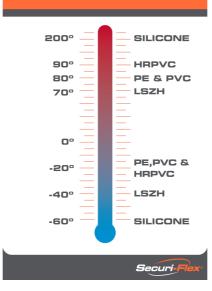
ALARM CABLE



MORE INFORMATION:

EURO	CLASSIFICATION CRITERIA							
CLASS (ca:cable)	FIRE RATING	SFX COMMENT		CPR GUIDE Securi-Fle				
Reaction to Fire BS EN ISO 1716			SUBCLASSIFICATIONS FOR EUROCLASSES Bca to Dca					
A _{ca}	Does not contribute to the fire	Due to availability, it will be almost impossible for a cable to meet Aca, so they should only be specified with extreme caution.		SMOKE RODUCTION		D) FLAMING DROPLETS		A) SMOKE CIDITY
Reaction to Fir	e BS EN 50399		BS	EN 50399/BS EN 61034-2	В	S EN 50399	В	S EN 60754-2
B1 _{ca}	Minimum contribution to the fire	It's highly unlikely the commonly-used cables will be classified to Class B1ca.		s1a: s1 + transmittance >=80% (BS EN 61034-2)		d0: No fall of droplets or flaming particles, times for 1200 seconds		a1: Very low acidity (conductivity <2.5 µS/mm & pH >4.3)
B2 _{ca}	Combustible, low flame spread & heat release contribution to the fire	Similar to Class Cca, although a lower acceptable heat release rate and burn measurement. In practice, this is likely to be the highest class cables will meet.		s1b: s1 + transmittance >=60% <80% (BS EN 61034-2)		d1: Fall of droplets or		a2: low acidity
Cca	Combustible, moderate flame spread & heat release	This is a more rigorous test than Class Dca, this is widely accepted across Europe as the 'go to' classification, but be aware, many cables do not meet Class Cca though availability is improving.		s1: Low production of slow propagation of smoke s2: Intermediate		flaming particles that persist for less than 10 seconds, timed for 1200 seconds		(conductivity <10 µS/mm & pH >4.3)
D _{ca}	Combustible, moderate flame spread & heat release	This classification has relatively little use or acceptance within specifying/contracting organisations. This is because no large scale fire growth is measured.		production & propagation of smoke s3: None of the above		d2: None of the above		d2: None of the above
Reaction to Fir	e BS EN 60332-1-2							
E _{ca}	Combustible, limited fire spread of less than 425mm	A basic test for vertical flame propagation for a single insulated wire or cable using a 1 KW pre-mixed flame. Note: This test does not measure heat release, toxic fumes or smoke.		/isit us onlin www.securiflex			K	The Trusted Cable Brand
F _{ca}	Combustible, fire spread of more than 425mm	Cables classified to Class Fca may have high levels of flammability due to the materials they are made of. This does not mean that the cable cannot be used, it is more likely to be used external.	Mo Fo	asses A to E have to be tested ost cables will fall into classes r a cable to meet Aca, B1ca, I ctory audits.	B2	ca to Eca.		*

OUR OPERATING TEMPERATURE RANGE GUIDE











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