

## **TELECOM CABLE**



#### TITLE:

CW1308 LSF

#### CODE:

SFX/CW1308-2-LSF-WHT-100

### **DESCRIPTION:**

100m CW1308 2 Pair White LSF

#### **SUPPLIED AS:**

Reel of 100m

- Manufactured to British Telecom specification and generally used for internal connections
- Popular in the security industry for door entry systems where voice is required
- Low smoke and fume plastic is good for use inside public buildings and spaces as will not emit toxic gases if the cable catches fire
- Can also be used for low level signal applications
- Improved performance and protection against fire
- Good for low cost fixed instillations

















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# Product Specification ( CP







#### **Cable Construction**

Cable Construction	2 Pairs
CPR	Eca
Conductor	Bare Copper
Conductor Diameter (mm)	0.40 ±0.008
Overall Diameter (mm)	3.80 ±0.20

#### Insulation

Insulation	PVC		
Insulation Colour	White/Blue,Blue/White,White/Orange,Orange/White		
Insulation Resistance @20°C	>200MO/km		
Insulation Thickness (mm)	0.185		

#### **Outer/Jacket Specification**

Jacket	LSF
Overall Colour	White
Overall Diameter (mm)	3.80 ±0.20
Jacket Colour	White RAL 9003
Jacket Thickness (mm)	0.45
Nylon Rip-Cord	210D

#### **Electrical Characteristics**

Insulation Resistance @20°C	>200MO/km
Max Conductor DC resistance @ 20°C	<120O/km
Rated Temperature (°C)	-20°C to 80°C
Rated Voltage (V)	30V























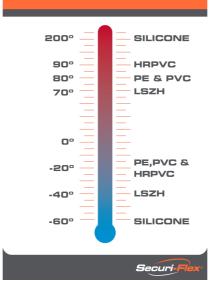
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## **MORE INFORMATION:**

EURO	CLASS	IFICATION CRITERIA				
CLASS (ca:cable)	FIRE RATING	SFX COMMENT	CPR GUII	DE <i>Se</i> d	curi-Flex°	
Reaction to Fire	e BS EN ISO 1716		SUBCLASSIFICATIONS FOR EUROCLASSES Boa to Doa			
A <sub>ca</sub>	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.	(S) SMOKE PRODUCTION	(D) FLAMING DROPLETS	(A) SMOKE ACIDITY	
Reaction to Fir	e BS EN 50399		BS EN 50399/BS EN 61034-2	BS EN 50399	BS EN 60754-2	
B1 <sub>ca</sub>	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 <sub>ca</sub>	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 <sub>ca</sub>	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 <sub>ca</sub>	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.	Visit us onlin www.securiflex		The Trusted Cable Brand	
F <sub>ca</sub>	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.	Classes A to E have to be teste Most cables will fall into classes For a cable to meet Aca, B1ca, factory audits.	B2ca to Eca.	*	

## **OUR OPERATING TEMPERATURE RANGE GUIDE**











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