

**TITLE:**

CW1308 LSF

**CODE:**

SFX/CW1308-20-LSF-WHT-500

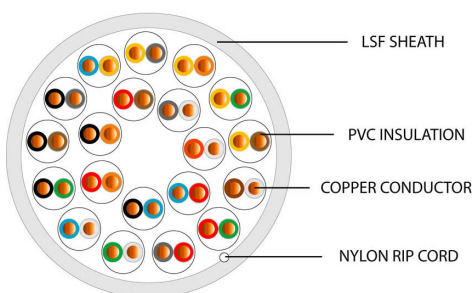
**DESCRIPTION:**

500m CW1308 20 Pair White LSF

**SUPPLIED AS:**

Reel of 500m

- 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 installations



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

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## Product Specification



### Cable Construction

Cable Construction	20 Pairs
CPR	Fca
Conductor	Bare Copper
Conductor Diameter (mm)	0.40 ±0.008
Overall Diameter (mm)	8.60 ±0.20

### Insulation

Insulation	PVC
Insulation Colour	Orange,Black,Black/Green,Green/Black,Black/Brown,Brown/Black,Black/Grey,Grey/Black,Yellow/Blue,Blue/Yellow,Yellow/Orange,Orange/Yellow,Yellow/Green,Green/Yellow,Yellow/Brown,Brown/Yellow,Yellow/Grey,Grey/Yellow
Insulation Resistance @20°C	>200MO/km
Insulation Thickness (mm)	0.185

### Outer/Jacket Specification

Jacket	LSF
Overall Colour	White
Overall Diameter (mm)	8.60 ±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



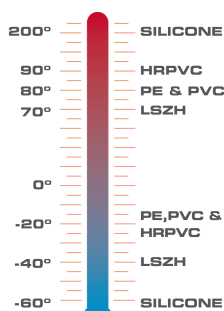
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**MORE INFORMATION:**

CLASSIFICATION CRITERIA			CPR GUIDE		
EURO CLASS (ca: cable)	FIRE RATING	SFX COMMENT	Securi-Flex®		
Reaction to Fire BS EN ISO 1716			SUBCLASSIFICATIONS FOR EUROCLASSES B <sub>ca</sub> to D <sub>ca</sub>		
<b>A<sub>ca</sub></b>	Does not contribute to the fire	Due to availability, it will be almost impossible for a cable to meet A <sub>ca</sub> , so they should only be specified with extreme caution.	<b>(S) SMOKE PRODUCTION</b>	<b>(D) FLAMING DROPLETS</b>	<b>(A) SMOKE ACIDITY</b>
Reaction to Fire BS EN 50399			BS EN 50399/BS EN 61034-2	BS EN 50399	BS EN 60754-2
<b>B1<sub>ca</sub></b>	Minimum contribution to the fire	It's highly unlikely the commonly-used cables will be classified to Class B1 <sub>ca</sub> .	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)
<b>B2<sub>ca</sub></b>	Combustible, low flame spread & heat release contribution to the fire	Similar to Class C <sub>ca</sub> , 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 flaming particles that persist for less than 10 seconds, timed for 1200 seconds	a2: low acidity (conductivity <10 µS/mm & pH >4.3)
<b>C<sub>ca</sub></b>	Combustible, moderate flame spread & heat release	This is a more rigorous test than Class D <sub>ca</sub> , this is widely accepted across Europe as the 'go to' classification, but be aware, many cables do not meet Class C <sub>ca</sub> though availability is improving.	s1: Low production of slow propagation of smoke		
<b>D<sub>ca</sub></b>	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.	s2: Intermediate production & propagation of smoke	d2: None of the above	a2: None of the above
Reaction to Fire BS EN 60332-1-2			Visit us online: <a href="http://www.securiflex.co.uk">www.securiflex.co.uk</a>		
<b>E<sub>ca</sub></b>	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.	<b>SFX</b> The Trusted Cable Brand		
<b>F<sub>ca</sub></b>	Combustible, fire spread of more than 425mm	Cables classified to Class F <sub>ca</sub> 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 tested by an independent authorised laboratory. Most cables will fall into classes B2 <sub>ca</sub> to E <sub>ca</sub> . For a cable to meet A <sub>ca</sub> , B1 <sub>ca</sub> , B2 <sub>ca</sub> or C <sub>ca</sub> , there also needs to be regular on-going factory audits.		

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